

# Product Datasheet

## Recombinant Human Integrin beta 1/CD29 His Protein NBP2-59570-50ug

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP2-59570-50ug****Recombinant Human Integrin beta 1/CD29 His Protein****Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 50 ug                                                                                  |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Preservative</b>            | No Preservative                                                                        |
| <b>Purity</b>                  | >95%, by SDS-PAGE                                                                      |
| <b>Buffer</b>                  | PBS (pH 7.4), 10% glycerol                                                             |
| <b>Target Molecular Weight</b> | 79.4 kDa                                                                               |

**Product Description**

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>    | <p>A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 21-728 of Human Integrin beta 1/CD29</p> <p><b>Source:</b> <i>Baculovirus</i></p> <p><b>Amino Acid Sequence:</b> QTDENRCLKA NAKSCGECIQ AGPNCGWCTN STFLQEGMPT SARCDLEAL KKKGCPPDDI ENPRGSKDIK KNKNVTNRSK GTAEKLPED ITQIQPQQLV LRLRSGEPQT FTLKFKRAED YPIDLYYLM LSYSMKDDLE NVKSLGTDLM NEMRRITSDF RIGFGSFVEK TVMPYISTTP AKLRNPCTSE QNCTSPFSYK NVLSLTNKGE VFNELVGKQR ISGNLDSPEG GFDAIMQVAV CGSLIGWRNV TRLLVFSTDA GFHFAGDGKL GGIVLPNDGQ CHLENNMYTM SHYYDYPSIA HLVQKLSENN IQTIFAVTEE FQPVYKELKN LIPKSAVGTL SANSSNVIQL IIDAYNSLSS EVILENGKLS EGV TISYKSY CKNGVNGTGE NGRKCSNISI GDEVQFEISI TSNKCPKKDS DSFKIRPLGF TEEVEVILQY ICECECQSEG IPESPKCHEG NGTFECGACR CNEGRVGRHC ECSTDEVNSE DMDAYCRKEN SSEICSNNGE CVCGQCVCRK RDNTNEIYSG KFCECDNFNC DRNGLICGG NGVCKCRVCE CNPNYTGSA C DCSLDTSTCE ASNGQICNGR GICECGVCKC TDPKFQGQTC EMCQTCLGVC AEHKECVQCR AFNKGEKKDT CTQECSYFNI TKVESRDKLP QPVQPDVSH CKEKD VDDCW FYFTYSVNGN NEVMHVVEN PECPTGPDLE HHHHHH</p> |
| <b>Gene ID</b>        | 3688                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>    | ITGB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Endotoxin Note</b> | < 1.0 EU per 1 microgram of protein (determined by LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

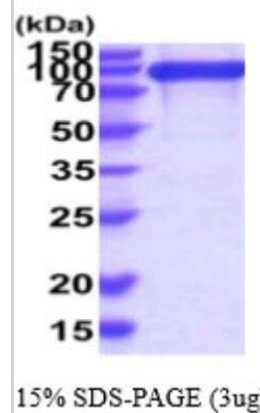
**Product Application Details**

|                              |          |
|------------------------------|----------|
| <b>Applications</b>          | SDS-Page |
| <b>Recommended Dilutions</b> | SDS-Page |



## Images

SDS-Page: Recombinant Human Integrin beta 1/CD29 Protein [NBP2-59570] - 15% SDS-PAGE (3ug)



## Publications

Li Y, Li BS, Liu C et al. Effect of integrin beta 1 in the treatment of stress urinary incontinence by electrical stimulation Mol Med Rep. 2019-04-09 [PMID: 31059065] (Human)

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**Products Related to NBP2-59570-50ug**

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|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| H00003688-P01-2ug | Recombinant Human Integrin beta 1/CD29 GST (N-Term) Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                                    |
| MAB17781          | Integrin beta 1/CD29 Antibody (P5D2) [Unconjugated]         |
| 202-IL-010        | IL-2 [Unconjugated]                                         |

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