

Product Datasheet

Recombinant Human Integrin beta 1/CD29 GST (N-Term) Protein H00003688-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00003688-P01-2ug**Recombinant Human Integrin beta 1/CD29 GST (N-Term) Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	114.8 kDa

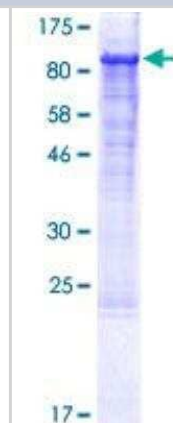
Product Description	
Description	Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-798 of Human ITGB1 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MNLQPIFWIGLISSVCCVFAQTDENRCLKANAKSCGECIQAGPNCGWCTNSTF LQEGMPTSARCDDLEALKKKKGCPPDDIENPRGSKDIKKNKNVTNRSKGTAEKL KPEDITQIQPQQLVLRRLRSGEPQTFTLKFKAEDYPIDLYLMDLSYSMKDDLE NVKSLGTDLMNEMRRITSDFRIGFGSFVEKTVMPYISTTPAKLRNPCTSEQNCT SPFSYKNVLSLTNKGEVFNELVGKQRISGNLDSPEGGFDAIMQVAVCGSLIGW RNVTRLLVFSTDAGFHFAGDGKLGGLVLPNDGQCHLENNMYTMSHYYDYPSIA HLVQKLENNIQTIFAVTEEFQPVYKELKNLIPKSAVGTLSANSSNVIQLIIDAYNS LSSEVILENGKLSEGVTSYKSYCKNGVNGTGENGRCSCNISIGDEVQFEISITS NKCPKKDSDSFKIRPLGFTTEEVEVILQYICECECQSEGIPESPKCHEGNGTFEC GACRCNEGRVGRHCECSTDEVNSEMDAYCRKENSSEICSNNGECVCGQCV CRKRDNTNEIYSGKFCECDNFNCDRSNGLICGGNGVCKCRVCECNPNYTGSA CDCSLDTSTCEASNGQICNGRGICECGVCKCTDPKFQGGQTCEMCQTCLGVCA EHKECVQCRAFNKGEKKDTCTQECSYFNITKVESRDKLPQPVPDPVSHCKE KDVDDCWFYFTYSVNGNNEVMVHVVENPECPTGPDIIPIVAGVVAGIVLIGLALL LIWKLLMIHHRREFAKFEKEKMNAKWDGTGENPIYKSAVTTVVNPKYEGK
Gene ID	3688
Gene Symbol	ITGB1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



Images

SDS-Page: Recombinant Human Integrin beta 1/CD29 Protein [H00003688-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Ahn SB, Kamath KS, Mohamedali A et al. Use of a Recombinant Biomarker Protein DDA Library Increases DIA Coverage of Low Abundance Plasma Proteins Journal of proteome research 2021-03-22 [PMID: 33752330]

Ahn SB, Mohamedali A, Anand S et al. Characterization of the Interaction between Heterodimeric α v β 6 Integrin and Urokinase Plasminogen Activator Receptor (uPAR) Using Functional Proteomics. J Proteome Res 2014-09-30 [PMID: 25318615]

Gooz P, Dang Y, Higashiyama S et al. A disintegrin and metalloenzyme (ADAM) 17 activation is regulated by α 5 β 1 integrin in kidney mesangial cells. PLoS One. 2012-01-01 [PMID: 22413019] (Rat)



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Limitations

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