

Product Datasheet

Recombinant Human Dystroglycan GST (N-Term) Protein H00001605-Q01-10ug

Unit Size: 10 ug

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

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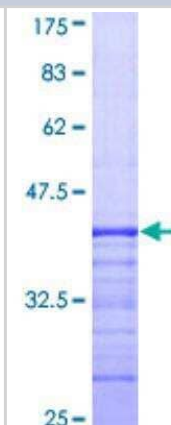
H00001605-Q01-10ug**Recombinant Human Dystroglycan GST (N-Term) Protein**

| Product Information | |
|------------------------------------|--|
| Unit Size | 10 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 | 37.84 kDa |
| Product Description | |
| Description | <p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 31-140 of Human Alpha Dystroglycan</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: WPSEPSEAVRDWENQLEASMHSVLSDLHEAVPTVVGIPDGTAVVGRSFRVTIP TDLIASSGDIKVSAAAGKEALPSWLHWDSQSHTLEGLPLDTDKGVHYISVSATRL GA</p> |
| Gene ID | 1605 |
| Gene Symbol | DAG1 |
| 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, Immunoprecipitation, Protein Array, Immunoaffinity Purification |
| Recommended Dilutions | Western Blot, ELISA, Immunoprecipitation, Protein Array, Immunoaffinity Purification |



Images

SDS-Page: Alpha Dystroglycan Partial Recombinant Protein
[H00001605-Q01]



Publications

Heng S, Vollenhoven B, Rombauts LJ, Nie G. A High-Throughput Assay for the Detection of alpha-Dystroglycan N-Terminus in Human Uterine Fluid to Determine Uterine Receptivity. J Biomol Screen 2015-12-02 [PMID: 26637554]

Crowe KE, Shao G, Flanigan KM, Martin PT N-terminal alpha Dystroglycan (alphaDG-N): A Potential Serum Biomarker for Duchenne Muscular Dystrophy. J Neuromuscul Dis 2016-05-27 [PMID: 27854211]

Hesse C, Johansson I, Mattsson N et al. The N-terminal domain of alpha-dystroglycan, released as a 38kDa protein, is increased in cerebrospinal fluid in patients with Lyme neuroborreliosis. Biochem Biophys Res Commun. 2011-08-06 [PMID: 21843510]



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Products Related to H00001605-Q01-10ug

| | |
|---------------|--|
| NBP3-17837PEP | Dystroglycan Recombinant Protein Antigen |
| 236-EG-200 | EGF [Unconjugated] |
| AF6868 | Dystroglycan Antibody [Unconjugated] |
| MAB1417 | Insulin Antibody (182410) [Unconjugated] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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