

Product Datasheet

Recombinant Human Caveolin-1 GST (N-Term) Protein H00000857-P01-10ug

Unit Size: 10 ug

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

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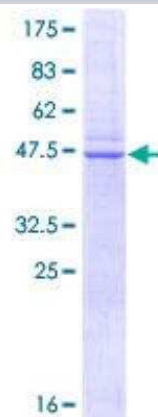


H00000857-P01-10ug**Recombinant Human Caveolin-1 GST (N-Term) Protein**

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	45.21 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-178 of Human CAV1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MSGGKYVDSEGHLYTVPIREQGNIYKPNNKAMADELSEKQVYDAHTKEIDLVN RDPKHLNDDVVKIDFEDVIAEPEGTHSFDGIWKASFTTFTVTKYWFYRLLSALF GIPMALIWGIYFAILSFLHIWAVVPCIKSFLIEIQCISRVSIIYVHTVCDPLFEAVGKI FSNVRINLQKEI</p>
Gene ID	857
Gene Symbol	CAV1
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 Caveolin-1 Protein [H00000857-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Hiomura M, Nohtomi K, Mori Y et al. Caveolin-1, a binding protein of CD26, is essential for the anti-inflammatory effects of dipeptidyl peptidase-4 inhibitors on human and mouse macrophages. *Biochem Biophys Res Commun* 2017 -11-04 [PMID: 29113797]

Hossain MB, Shifat R, Li J et al. TIE2 associates with caveolae and regulates caveolin-1 to promote their nuclear translocation *Mol. Cell. Biol.* 2017-07-31 [PMID: 28760776] (Human)

Xia H, Khalil W, Kahm J et al. Pathologic Caveolin-1 Regulation of PTEN in Idiopathic Pulmonary Fibrosis. *Am J Pathol.* 2010-04-15 [PMID: 20395445]

Bruyere C, Abeloos L, Lamoral-Theys D et al. Temozolomide modifies caveolin-1 expression in experimental malignant gliomas in vitro and in vivo. *Transl Oncol.* 2011-04-01 [PMID: 21461172]

Kastelijjn EA, van Moorsel CH, Kazemier KM et al. A genetic polymorphism in the CAV1 gene associates with the development of bronchiolitis obliterans syndrome after lung transplantation. *Fibrogenesis Tissue Repair.* 2011-11-01 [PMID: 22040717]

Sawada S, Ishikawa C, Tanji H et al. Overexpression of caveolin-1 in adult T-cell leukemia. *Blood*;115(11):2220-30. 2010-03-18 [PMID: 20061557]



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Products Related to H00000857-P01-10ug

NBP2-54737PEP	Caveolin-1 Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
NB100-615	Caveolin-1 Antibody (7C8)
210-TA-005	TNF-alpha [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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