

Product Datasheet

Recombinant Human VE-Statin/EGFL7 GST (N-Term) Protein

H00051162-P01-10ug

Unit Size: 10 ug

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

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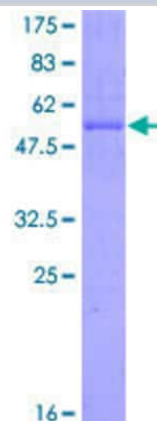
H00051162-P01-10ug**Recombinant Human VE-Statin/EGFL7 GST (N-Term) Protein**

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	53.24 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 24-273 of Human EGFL7</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: YRPGRRVCAVRAHGDPVSESFVQRVYQPFLTTCDGHRACSTYRTIYRTAYRR SPGLAPARPRYACCPGWKRTSGLPGACGAAICQPPCRNGGSCVQPGRRCRCP AGWRGDTQCSDVDERSARRGGCPQRCINTAGSYWCQCWEGHSLSADGTLC VPKGGPPRVAPNPTGVDSAMKEEVQRLQSRVDLLEEKQLQLVLAPLHSLASQAL EHGLPDPGSLLVHSFQQLGRIDSLSEQISFLEEQLGSCSCKKDS</p>
Gene ID	51162
Gene Symbol	EGFL7
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

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Salama Y, Hattori K, Heissig B. The angiogenic factor Egfl7 enhances thymogenesis by activating Flt3 signaling. *Biochem Biophys Res Commun* 2017-06-08 [PMID: 28601636]

Badiwala MV, Tumati LC, Joseph JM et al. Epidermal Growth Factor-Like Domain 7 Suppresses Intercellular Adhesion Molecule 1 Expression in Response to Hypoxia/Reoxygenation Injury in Human Coronary Artery Endothelial Cells. *Circulation*. 2010-09-14 [PMID: 20837907]

Badiwala MV, Guha D, Tumati L et al. Epidermal growth factor-like domain 7 is a novel inhibitor of neutrophil adhesion to coronary artery endothelial cells injured by calcineurin inhibition. *Circulation*. 2011-09-13 [PMID: 21911813]

Hansen T, Nielsen B, Jakobsen A, Sorensen F. Intra-tumoural vessel area estimated by expression of epidermal growth factor-like domain 7 and microRNA-126 in primary tumours and metastases of patients with colorectal cancer: a descriptive study *J Transl Med*. 2015-01-16 [PMID: 25592646] (WB, Human)

Hansen TF, Nielsen BS, Sorensen FB et al. Epidermal Growth Factor-like Domain 7 Predicts Response to First-Line Chemotherapy and Bevacizumab in Patients with Metastatic Colorectal Cancer. *Mol. Cancer Ther*. 2014-08-19 [PMID: 25140000]

Hansen TF, Christensen RD, Andersen RF et al. MicroRNA-126 and epidermal growth factor-like domain 7-an angiogenic couple of importance in metastatic colorectal cancer. Results from the Nordic ACT trial. *Br J Cancer* 2013-08-06 [PMID: 23922111]



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Products Related to H00051162-P01-10ug

NBP2-68693PEP	VE-Statin/EGFL7 Recombinant Protein Antigen
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AF3638	VE-Statin/EGFL7 Antibody [Unconjugated]
DVE00	VEGF [HRP]

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