

Recombinant Human V-Set And Transmembrane Domain Containing 2 Like, His-tagged

Cat. No. VSTM2L-4833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VSTM2L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	VSTM2L, also known as V-set and transmembrane domain containing 2, is a new modulator of HN neuroprotective activity. It colocalizes with HN in distinct brain areas as well as in primary cultured neurons, where it plays a role in the modulation of neuronal viability. When tested in HN neuroprotection bioassays, it acts as a strong antagonist of HN neuroprotective activity. This protein is the first example of a secreted antagonist of HN and may play a role in the modulation of HN biological functions.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF.
Molecular Weight	22.6 kDa (205aa), confirmed by MALDI-TOF.
Purity	>90% by SDS-PAGE
Concentration	0.25 mg/ml (determined by Bradford assay)

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Sequences of amino acids

MGSSHHHHHH SSSLVPRGSH MGSMTTRPAG HAPWDNHVSG HALFTETPHD
 MTARTGEDVE MACSFRGSGS PSYSLEIQWW YVRSHRDWTDKQAWASNQLK
 ASQQEDAGKE ATKISVVKVV GSNISHKLRL SRVKPTDEGS YECRVIDFSD
 GKARHHKVKKA YLRVQPGENS VLHLPEAPPAAPPPPKPG KELRKRSVDQ
 EACSL

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name [VSTM2L V-set and transmembrane domain containing 2 like \[Homo sapiens \]](#)

Official Symbol [VSTM2L](#)

Synonyms VSTM2L; V-set and transmembrane domain containing 2 like; V-set and transmembrane domain-containing protein 2-like protein; OTTHUMP00000030945; OTTHUMP00000030947; C20orf102; dJ1118M15.2; chromosome 20 open reading frame 102

Gene ID [128434](#)

mRNA Refseq [NM_080607](#)

Protein Refseq [NP_542174](#)

UniProt ID [Q96N03](#)

Chromosome Location 20q11.23

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Function

protein binding

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