

Product datasheet for **AR50189PU-S**

VSTM2L (25-204, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	VSTM2L (25-204, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMTTRPAG HAPWDNHVSG HALFTETPHD MTARTGEDVE MACSFRGSGS PSYSLEIQWW YVRSRHDWTD KQAWASNQLK ASQQEDAGKE ATKISVVKV GSNISHKLRL SRVKPTDEGS YECRVIDFSD GKARHHKVKA YLRVQPGENS VLHLPEAPPA APAPPPKPG KELRKRSVDQ EACSL
Tag:	His-tag
Predicted MW:	22.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human VSTM2L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_542174
Locus ID:	128434
UniProt ID:	Q96N03
Cytogenetics:	20q11.23
Synonyms:	C20orf102



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Summary:

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.

Product images: