

AR50189PU-S

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

Alternate names:	C20orf102, V-set and transmembrane domain-containing protein 2-like protein
Quantity:	10 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q96N03
NCBI:	AAH33818
GeneID:	128434
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF
Description:	Recombinant human VSTM2L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMTTRPAG HAPWDNHVSG HALFTETPHD MTARTGEDVE MACSFRGSGS PSYSLEIQWW YVRSHRDWTD KQAWASNQLK ASQQEDAGKE ATKISVVKVV GSNISHKLRL SRVKPTDEGS YECRVIDFSD GKARHHKVKA YLRVQPGENS VLHLPEAPPA APAPPPPKPG KELRKRSVDQ EACSL Molecular weight: 22.6 kDa (205aa), confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Collins S. et al. (2001) J. Clin. Neurosci. 8:387-397. Rossini L. et al. (2011) FASEB J. 25:1983-2000

Pictures:

