

VSTM2L, 25-204aa, Human, His tag E.coli

Cat.NO.: TP04488

3th Edition

Synonyms:V-set and transmembrane domain containing 2 like, dJ1118M15.2, C20orf102, V set and transmembrane domain containing 2 like

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. Recombinant human VSTM2L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF

Molecular Weight:22.6 kDa (205aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMTRPAGHAPWDNHVSGHALFTETPHDMTARTGEDVEMACSFRRGSGSPS
YSLEIQWWYVRSHRDWTDKQAWASNQLKASQQEDAGKEATKISVVKVVGSNISHKLRLSRVKPTDEGSYECRVID
FSDGKARHHKVKAYLRVQPGENSVLHLPEAPPAAPPPPKPGKELRKRSVDQEACSL

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.