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## Product Data Sheet

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Product Name: VSTM2L Human  
 Cat. No.: GP25003  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	V-set and transmembrane domain-containing protein 2-like protein; VSTM2L; C20orf102; dj1118M15.2.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMTRPAG HAPWDNHVSG HALFTETPHD MTARTGEDVE MACSFRGSGS PSYSLEIQWW YVRSHRDWTD KQAWASNQLK ASQQEDAGKE ATKISVVKVV GSNISHKLRL SRVKPTDEGS YECRVIDFSD GKARHHKVKA YLRVQPGENS VLHLPEAPPA APAPPPKPG KELRKRSVDQ EACSL.		
Formulation	VSTM2L protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF.		

### Introduction

V-set and transmembrane domain containing 2 (VSTM2L) is a novel modulator of HN neuroprotective activity. VSTM2L colocalizes with HN in distinct brain areas as well as in primary cultured neurons, where it plays a part in the modulation of neuronal viability. When tested in HN neuroprotection bioassays, VSTM2L acts as a potent antagonist of HN neuroprotective activity. The VSTM2L protein is the first example of a secreted antagonist of HN and may have a role in the modulation of HN biological functions.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

VSTM2L Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 205 amino acids (25-204 a.a.) and having a molecular

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mass of 22.6kDa. VSTM2L is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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