

Product datasheet for **TP306198**

VSTM2A (NM_182546) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human V-set and transmembrane domain containing 2A (VSTM2A), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206198 protein sequence Red=Cloning site Green=Tags(s)

MGIFLVYVGVFFSVLYVQQGLSSQAKFTEFPRNVTATEGQNVEMSCAFQSGSASVYLEIQWWFLRGPED
LDPGAEGAGA QV KLLPDRDPDS DGTKISTVKVQ GNDISHKLQISKVRRK KDEGLYECRVTDANYGELQE HK
AQAYLKVNANSHARRMQAFEASPMWLQDMKPRKNVSAAI PSSIHGSANQRTHSTSSPQVAKIPKQSPQS
GMETHFEPPFILPLTNAPQKGQSYRVDRFMNGDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	25.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_872352</u>
Locus ID:	222008



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UniProt ID: [Q8TAG5](#)

RefSeq Size: 3122

Cytogenetics: 7p11.2

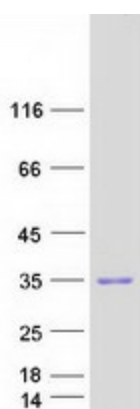
RefSeq ORF: 729

Synonyms: VSTM2

Summary: Plays a role in the regulation of the early stage of white and brown preadipocyte cell differentiation. Promotes adipogenic commitment of preadipocytes by increasing gene expression of the transcription factor PPARG in a BMP4-dependent signaling pathway. [UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified VSTM2A protein (Cat# TP306198). The protein was produced from HEK293T cells transfected with VSTM2A cDNA clone (Cat# [RC206198]) using MegaTran 2.0 (Cat# [TT210002]).