

## Product datasheet for PH306198

### VSTM2A (NM\_182546) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VSTM2A MS Standard C13 and N15-labeled recombinant protein (NP_872352)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206198
Predicted MW:	27 kDa
Protein Sequence:	>RC206198 protein sequence Red=Cloning site Green=Tags(s)  MGIFLVYVGFVFFSVLYVQQLSSQAKFTEFPRNVTATEGQNVEMSCAFQSGSASVYLEIQWFLRGPED LDPGAEGAGAQVKLLPDRDPDSGDKISTVKVQGNDISHKLQISKVRKKDEGLYECRVTDANYGELQEHK AQAYLKVNANSHARRMQAFEASPMWLQDMKPRKNVSAAPSSIHGSANQRTHSTSSPQVVAKIPKQSPQS GMETHFEPFILPLTNAPQKGQSYRVDRFMNGDF  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_872352</a>
RefSeq Size:	3122
RefSeq ORF:	729
Synonyms:	VSTM2
Locus ID:	222008
UniProt ID:	<a href="#">Q8TAG5</a>



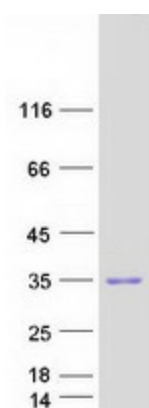
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Cytogenetics: 7p11.2

**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]).