

## Product datasheet for **TP721227**

### VSTM2A (NM\_182546) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human V-set and transmembrane domain containing 2A (VSTM2A)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ser24-Phe243
Tag:	C-His
Predicted MW:	25.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_872352</a>
Locus ID:	222008
UniProt ID:	<a href="#">Q8TAG5</a>
RefSeq Size:	3122
Cytogenetics:	7p11.2
RefSeq ORF:	729
Synonyms:	VSTM2



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**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