Product datasheet for TP502852

Vstm2a (NM_145967) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse V-set and transmembrane domain containing 2A (Vstm2a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202852 protein sequence Red=Cloning site Green=Tags(s)

MGIFLASVGFMFFSVLYVQQGLSSQAKFTELPRNVTATEGQNVEMSCAFQSGSASVYLEIQWWFLRGPED
LEQGTEAAGSQVELLPDRDPDNDGTKISTVKVQGNDISHKLQISKVRKKDEGLYECRVTDANYGELQEHK
AQAYLKVNANSHARRMQAFEASPMWLQDTKPRKNASSVVPSSVHNSANQRMHSTSSPQAVAKIPKQSPQS
GARIATSHGLSVLLLVCGFVKGALL

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
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 after receiving vials.
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:	NP_666079
Locus ID:	211739
UniProt ID:	Q8R0A6
RefSeq Size:	3629

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Cytogenetics:	11 A2

RefSeq ORF:	708
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]