

Product datasheet for TP506382

Vat1 (NM_012037) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vesicle amine transport 1 (Vat1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206382 protein sequence Red =Cloning site Green =Tags(s)
	MSAEREAAEAATVAAATEAGAETGTGAGEGAPSQPPTVEVASDPQPPPAPEASASASAPPLRCLVLTGFG GYDKVKLQSRPAVPPAPGPGQLTLRVRACGLNFADLMGRQGLYDRLPPLVTPGMEGAGVVAVGEGVGD RKAGDRVMVLNRSGMWQEEVTVPSAQTFLMPEAMTFEEAAALLVNYITAYMVLDFGNLRPGHSVLVHMA AGGVGMAALQLCRTVENVTVFGTASASKHEVLKENGVTHTPIDYHTTDYVDEIKKISPKGVDIVMDPLGGS DTAKGYHLLKPMGKVVTYGMANLLTGPKRNLAMAMARTWWNQFSVTALQLLQANRAVCGFHLGYLDGEVEL VNSVTRLVALYNQGHKPRIDSVWPFKVDAMKQMMEKKNIGKVVLLVPGPEKET
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	43.1 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_036167
Locus ID:	26949
UniProt ID:	Q62465 , Q499X4



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RefSeq Size: 2732

Cytogenetics: 11 D

RefSeq ORF: 1221

Synonyms: VAT-1

Summary: Plays a part in calcium-regulated keratinocyte activation in epidermal repair mechanisms. Has no effect on cell proliferation (By similarity). Possesses ATPase activity. Negatively regulates mitochondrial fusion in cooperation with mitofusin proteins (MFN1-2) (By similarity). [UniProtKB/Swiss-Prot Function]