

Product datasheet for **TP507742**

Atp6v1h (NM_133826) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ATPase, H ⁺ transporting, lysosomal V1 subunit H (Atp6v1h), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207742 representing NM_133826 Red =Cloning site Green =Tags(s)

MTKMDIRGAVDAAVPTNIIAAKAAAEVRANKVNWQSYLQGQMISAEDCEFIQRFEMKRSSDKQEMLQTEG
SQCAKTFINLMTHISKEQTVQYILTMVDDMLQENHQRVSIFFDYAKRSKSTAWPYFLPMLNRQDPFTVHM
AARIIAKLAAWGKELMEGSDLNYYFNWIKTQLSSQKLRGSGVAVETGTISSDSSQYVQCVAGCLQLMLR
VNEYRFAWVEADGVNCGVLSNKCQGFQLQYQMIFSIWLLAFSPQMCEHLRRYNIIPVLSDILQESVKEK
VTRIILAAFRNFLEKSTERETRQEYALAMIQCKVLKQLENLEQQKYDDEDISEDIKFLLEKLGESVQDLS
SFDEYSSELKSGRLEWSPVHKSEKFWRENAVRLNEKNYELLKILTKLLEVSDDPQVLAVAAHDVGEYVRH
YPRGKRVIQLGGKQLVMNHMHEDQQVRYNALLAVQKLMVHNWEYLGKQLQSEQPQTAAARS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.3 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_598587
Locus ID:	108664



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UniProt ID:	<u>Q8BVE3</u>
RefSeq Size:	1976
Cytogenetics:	1 A1
RefSeq ORF:	1449
Synonyms:	0710001F19Rik; AU022349; CGI-11; SFD; SFDalpha; SFDbeta; VMA13
Summary:	<p>Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit H activates the ATPase activity of the enzyme and couples ATPase activity to proton flow. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system. Involved in the endocytosis mediated by clathrin-coated pits, required for the formation of endosomes (By similarity).[UniProtKB/Swiss-Prot Function]</p>