

Product datasheet for **TP510870**

Atp6v0a1 (BC071182) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ATPase, H ⁺ transporting, lysosomal V0 subunit A1 (cDNA clone MGC:76459 IMAGE:30101184), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210870 representing BC071182 Red =Cloning site Green =Tags(s)

MGELFRSEEMTLAQLFLQSEAAAYCCVSELGELGKVQFRDLNPDVNVFQRKQVNEVRRCEEMDRKLRFVEK
EIRKANIPIMDTGENPEVPFPRDMIDLEANFEKIENELKEINTNQEALKRNFLELTELKFLRKTQQFFD
EMADPDLEESSLLEPNEMGRGAPLRLGFVAGVINRERIPTFERMLWRVCRGNVFLRQAEIENPLEDPV
TGDYVHKSVFIIFFQGDQLKNRVKKICEGFRASLYPCPETPQERKEMASGVNTRIDDLQMVLNQTEDHRQ
RVLQAAAKNIRVWFIKVRKMKAIYHTLNLCNIDVTQKCLIAEVWCPVTDLDSIQFALRRGTEHSGSTVPS
ILNRMQTNQTPPTYNKTNKFTHGFGQNIVDAYGIGTYREINPAPYTVITFPFLFAVMFGDFGHGILMTLFA
VWMVLRESRILSQKHENEMFSMVFSGRYIILLMGLFSIYTGLIYNDCFSKSLNIFGSSWSVRPMTQGNW
TEETLLGSSVLQLNPAIPGVFGGPYFPGIDPIWNIATNKLTFLNFSFKMKMSVILGIIHMLFGVSLSLFNH
IYFKKPLNIYFGFIPEIIFMSSLFGYLVILIFYKWTAYDAHSSRNAPSLTHFINMFLFSYPESGNAMLY
SGQKGIQCFLIVVAMLCVPWMLLKFPLILRHQYLRKKHLGTLNFGGIRVGNPTEEDAIEIHQDQLSTHS
EDAEEFDFGDTMVHQAIHTIEYCLGCISNTTSLRLWALS LAHAQLSEVLWTMVIHIGHLHVRSLAGGLGL
FFIFAAAFATLTVAILLIMEGLSAFLHALRLHWVEFQNKFYTGTFKFLPFSFEHIREGKFDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	145.9 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.



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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.
Locus ID:	11975
UniProt ID:	Q9Z1G4
RefSeq Size:	3980
Cytogenetics:	11 64.04 cM
RefSeq ORF:	2496
Synonyms:	ATP6a1, Atpv0a1
Summary:	Required for assembly and activity of the vacuolar ATPase. Potential role in differential targeting and regulation of the enzyme for a specific organelle (By similarity). [UniProtKB/Swiss-Prot Function]