

## Product datasheet for TP510875

### Atp6v0a4 (NM\_080467) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ATPase, H <sup>+</sup> transporting, lysosomal V0 subunit A4 (Atp6v0a4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210875 representing NM_080467 Red=Cloning site Green=Tags(s)

MASVFRSEEMCLSQVFLQVEAAYCCVAELGELGLVQFKDLNANVNSFQRKRVNEVRRCESLERILRFLED  
EMQNEILIQVPEKDAETPLPREMITLETTLEKLEGELQEANQSHQALKKSFLELTELKYLKKTQDFET  
ETNLGEDFFVEDTSGLLELRTIPAFMTGKLGFTAGVINRERMASFERLLWRVCRGNVYLKFSMDTLLED  
PVTKEEIKKNIFIIFYQGEQLRLKIKKICDGFRTIYPCPEHAAERREMLTSVNVRLLEDLITVITQTESH  
RQRLLEAAANWHSWVIKVKMKAVYHVLNMCNIDVTQQCIAEIWFVPVADTRHIKKALEQGMELSGSSM  
IPIMTEVETKTDPPFTFNRTNKFTAGFQNIVDAYGVGSYREINPAPYTIITFPFLFAVMFGDCGHGMVMLM  
AALWMVLNERHLLAQKSTNEMWNIFNGRYLILLMGIFSITGLIYNDCFSKSFNIFGSSWSVQPMFRNG  
TWNTHIVENSPYLQDPAIPGVYSGNPYPFGIDPIWNLASNKLTFLNSYKMKMSVILGIAHMIFGVILSL  
FNHIYFRRTLNIILQFIPEMIFMLSLFGYLVFMIIKWCRYDAHTSRKAPSILIHFIGMFLFDYDDSSNA  
PLYGHQQEVQTFVIALVSVPWMLLIKPFVLRKHQKSQQLQSFTIHEDAVEGDHSGHSSKKTAGAHGMK  
DGHEEEFNFGDIFVHQAIHTIEYCLGCISNTASYLRLWALS LAHAELSEVLWMTMMSIGLRLQGWAGLVG  
VFIIFAVFAVLTVAILLVMELSAFLHALRLHWVEFQNKFYEGAGSKFSPFSFKHVLEGTAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	96.1 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.



[View online »](#)

<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_536715</a>
<b>Locus ID:</b>	140494
<b>UniProt ID:</b>	<a href="#">Q920R6</a> , <a href="#">Q3UP55</a>
<b>RefSeq Size:</b>	3300
<b>Cytogenetics:</b>	6 B1
<b>RefSeq ORF:</b>	2499
<b>Synonyms:</b>	a4; Atp6n1b
<b>Summary:</b>	Part of the proton channel of the V-ATPase that is involved in normal vectorial acid transport into the urine by the kidney.[UniProtKB/Swiss-Prot Function]