

Product datasheet for **TP503972**

Atp1b2 (NM_013415) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ATPase, Na ⁺ /K ⁺ transporting, beta 2 polypeptide (Atp1b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203972 protein sequence Red =Cloning site Green =Tags(s)

MVIQKEKKSCGQVVEEWKEFVWNPRTHQFMGRTGTSWAFILLFYLVFYGFLTAMFSLTMWVMLQTVSDHT
PKYQDRLATPGLMIRPKTENLDVIVNISDTESWGQHVQKLNKFLEPYNDSIQAQKNDVCRPGRYEYQPDN
GVLNYPKRACQFNRTLGLDCSGIGDPHTHYGYSTGQPCVFIKMNRVINFYAGANQSMNVTCVGKRDEDAEN
LGHFVMFPANGSIDLMYFPYYGKKFHVNYTQPLVAVKFLNVTNVEVNVETRINAANIATDDERDKFAGR
VAFKLRINKT

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Tag:	C-MYC/DDK
Predicted MW:	33.8 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:	<u>NP_038201</u>
Locus ID:	11932
UniProt ID:	<u>P14231</u> , <u>Q3UR55</u>



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RefSeq Size: 2959

Cytogenetics: 11 42.86 cM

RefSeq ORF: 873

Synonyms: Amog; Atpb-2

Summary: This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The exact function of the beta-2 subunit is not known.[UniProtKB/Swiss-Prot Function]