

Product datasheet for **TP523683**

Atp1b3 (NM_007502) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse ATPase, Na⁺/K⁺ transporting, beta 3 polypeptide (Atp1b3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR223683 representing NM_007502
Red=Cloning site **Green**=Tags(s)

MTKTEKKSFHQSLAEWKLFYINPSSGFLGRTSKSWGLILLFYLVFYGFLLAALFTFTMWAMLQTLNDEVP
KYRDQIPSPGLMVFQPKQTALEYTFMSEPQTYKKLVEDLESFLKPYSVEEQKNLTSCPDGAPFIQHGPD
YRACQFPVSLLEECSGVTDANFGYSKGQPCILVKMNRIDLIPDGYQPISCLPKEENATIATYPEFGVLD
LKYPYYGKKRHVGYRQPLVAVQVKFDSGLNKKEVTVECHIAGTRNLKKNERDKFLGRVSFKVTARA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 32.2 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_031528](#)

Locus ID: 11933

UniProt ID: [P97370](#), [Q544Q7](#)

RefSeq Size: 1833



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Cytogenetics: 9 50.31 cM

RefSeq ORF: 834

Synonyms: AA409958; AI664000; AW212096

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-3 subunit is not known.[UniProtKB/Swiss-Prot Function]