

Product datasheet for TP518768

Atp7b (NM_007511) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse ATPase, Cu⁺⁺ transporting, beta polypeptide (Atp7b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR218768 representing NM_007511
Red=Cloning site Green=Tags(s)

MDPRKNLASVGTMPERQVTAKEASRKILSKLALPGRPWEQSMKQSFADFNVGYEGGLDSTSSSPAATD
VWNILGMTCHSCVKSIEDRISSKLGIVNIKVSLEQGSATVRYVPSVMNLQQLQIEDMGFEASAAEGKA
ASWPSRSSPAQEAVKLRVEGMTQCQSCVSSIEGKIRKLQGVVRIKVSLSNQEAVITYQPYLIQPEDLRDH
ICDMGFEEAIAIKNRTAPLRLGPIDVKNLESTNLKKTETVSPVQISNHFETLGHQGSYLATLPLRIDGMHCKS
CVLNIEGNIGQLPGVQNIHVLENKTAQIQYDPSCVTPMFLQTAIEALPPGHFKVSLPDGVEENEPQSGS
SQRHQEQGPGRTAVLTISGITCASSVQPIEDMLSQRKGVQQTISLAEGTGAVLYDPSIVSLDELRTAVE
DMGFESVSNSETFTINPVRNFKSGNSVPQTMGDIAGSVQKMAPDTRGLPTHQGGHSSSETPSSPGATASQ
KCFVQIKGMTCASCVSNIERSLQRHAGILSVLVALMSGKAEVKYDPEIIQSPRIAQLIQDLGFEASVMED
NTVSEGDIELIITGMTCASCVHNIESKLTRTNGITYASVALATSKAHVKFDPEIVGPRDIIKIIIEIGFH
ASLAQRNPNAHHLDHKTEIKQWKKSFLCSLVFGIPVMGLMVYMLIPSSPTQETMVLHDHNIIPGLSVLNLI
FFILCTFVQFLGGWYFYVQAYKSLRHRANMDVLIVLATTIAYAYSLVILWAVA EKA EKSPVTFDTPP
MLFVFIALGRWLEHVAKSKTSEALAKLSLQATEATVVTGLGEDNLILREEQVPMELVQRGDVIKVPVGGK
FPVDGKVLEGNTMADESLITGEAMPVTKKPGSIVIAGSINAHGSVLLKATHVGNDDTLAQIVKLVEEAQM
SKAPIQQLADRFSGYFVPIIIISTLTLVWVWVIGFVDFGVVQKYFSPSPKHSIQTEVIRFAFQTSITV
LCIACPCSLGLATPTAVMVGTVAAQNGVLKGGKPLEMAHKIKTVMFDKTGTITHGVPRVMRFLLLADV
ATLPLRKVLAVVGTAEASSEHPLGVAVTKYCKEELGTETLGYSTDFQAVPGCGISCKVSNVEGILARSDL
TAHPVGVGNPPTGEGAGPQTFVSVLIGNREWMRRNGLTISSDISDAMTDHEMKGQTALVAIDGVLGCMIA
IADAVKPEAALAIYTLKSMGVDVALITGDNRKTARAIATQVGINKVFAEVLPSHKVAKVQELQNEGKKVA
MVG DGVNDSPALAQADV GIAIGTGDVAIEAADVVLIRNDLLD VASIHLSKRTVRRIRVNLV LALIYNM
VGIPIAAGVFMPIGIVLQPWMGSAAMAASSVSVLSSLQLKCYRKPDLERYEAQAHGRMKPLSASQVSVH
IGMDDRRRDS PRATAWDQVS YVSQVSLSSLTSDRLSRHGGAEDGGDKWSLLLSDRDEEQCI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK



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Predicted MW:	157.6 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_031537
Locus ID:	11979
UniProt ID:	Q64446
RefSeq Size:	4711
Cytogenetics:	8 10.78 cM
RefSeq ORF:	4386
Synonyms:	Atp7a; tx; WND
Summary:	Copper ion transmembrane transporter involved in the export of copper out of the cells, such as the efflux of hepatic copper into the bile.[UniProtKB/Swiss-Prot Function]