

Product datasheet for **TP515922**

Afg1l (NM_145743) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse AFG1 like ATPase (Afg1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215922 protein sequence Red =Cloning site Green =Tags(s)

MAASWSPLVTLRSAARSRLTGRGVGCGARVVAIPPPAPGPGKPLWKAYTVQTSSEGVSRPTAASEARLKALA
VCHGPLDHYDFLIKSQELREDEHQRRVWQCLQKLQEDLKGYSIEEGGLFSKLSRNPCKGLYVYGDVGT
GKTMVMDMFYAYVETKRKRKRVHFGFMLDVHRRHHHLKQSLPKRKAGFMAKSYDPIAPIAEEISQETSLL
CFDEFQVTDIADAMILKQLFENLFKNGVWVWVATSNRPEDLYKNGLQRANFVFFIAVLKEYCDTLQLDLSG
VDYRKRELAPAGKLYLTSEADVEAVDKLFDLAQKQNDLTSRILKMQGRELRLNKACGSVADCTFEE
LCERPLGASDYLELSKNFDTVIIRNIPQFSLAKRTQARRFITLIDNFYDFKVIICCSASAPISLFLHQH
QDSESDQSRILMDDLGLSQDSAGLSMFTGEEEEFAFQRTISRLTEMQTEQYWIEGDRSRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	54.3 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_665686
Locus ID:	215951



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UniProt ID: [Q3V384](#)

RefSeq Size: 2530

Cytogenetics: 10 22.88 cM

RefSeq ORF: 1443

Synonyms: CG8520; Lace1

Summary: Putative mitochondrial ATPase. Plays a role in mitochondrial morphology and mitochondrial protein metabolism. Promotes degradation of excess nuclear-encoded complex IV subunits (COX4I1, COX5A and COX6A1) and normal activity of complexes III and IV of the respiratory chain. Mediates mitochondrial translocation of TP53 and its transcription-independent apoptosis in response to genotoxic stress.[UniProtKB/Swiss-Prot Function]