

Recombinant Mouse Afg1l Protein, Myc/DDK-tagged

Cat. No. Afg1l-1548M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length AFG1 like ATPase (Afg1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	54.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Afg1l AFG1 like ATPase [Mus musculus (house mouse)]
Official Symbol	Afg1l
Synonyms	Afg1l ; AFG1 like ATPase ; Lac ; Lace1 ; CG8520 ; AFG1-like ATPase ; lactation elevated 1 ; lactation elevated protein 1
Gene ID	215951
mRNA Refseq	NM_145743
Protein Refseq	NP_665686
UniProt ID	Q3V384

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