Recombinant Human AFG3L2, His-tagged

Cat. No. AFG3L2-9459H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AFG3L2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	449-797a.a.
Description	This gene encodes a protein localized in mitochondria and closely related to paraplegin. The paraplegin gene is responsible for an autosomal recessive form of hereditary spastic paraplegia. This gene is a candidate gene for other hereditary spastic paraplegias or neurodegenerative disorders.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	AFG3L2 AFG3 ATPase family gene 3-like 2 (S. cerevisiae) [Homo sapiens]
Official Symbol	AFG3L2

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Synonyms	AFG3L2; AFG3 ATPase family gene 3-like 2 (S. cerevisiae); AFG3 (ATPase family gene 3, yeast) like 2 , AFG3 ATPase family gene 3 like 2 (yeast) , SCA28, spinocerebellar ataxia 28; AFG3-like protein 2; paraplegin-like protein; ATPase family gene 3, yeast; SCA28; SPAX5; FLJ25993;
Gene ID	10939
mRNA Refseq	NM_006796
Protein Refseq	NP_006787
MIM	604581
UniProt ID	Q9Y4W6
Chromosome Location	18p11.21
Function	ATP binding; metal ion binding; metalloendopeptidase activity; nucleoside-triphosphatase activity; nucleotide binding; peptidase activity; unfolded protein binding; zinc ion binding;

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