

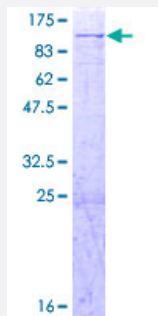
Full-Length

AFG3L2 (Human) Recombinant Protein (P01)

Catalog # H00010939-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AFG3L2 full-length ORF (AAH65016.1, 1 a.a. - 797 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAHRCLRLWGRGGCWPRGLQQLLVPGGVGPGEQPCLRTL YRFVTTQARASRNSLLTDIAAYQR
FCSRPPKGFKEYFPNGKNGKKASEPKEVMGEKKESKPAATTRSSGGGGGGGKRGKKDDSH
WWSRFQKGDIPWDDKDFRMFFLWTALFWGGVMFYLLKRSGREITWKDFVNNYLSKGVVDRLE
VFNKRFVRVTFTPGKTPVDGQYVWFNIGSVDTFERNLETQQELGIEGENRVPVVYAESDGSFLL
SMLPTVLI AFLLYTIRRGPAIGRTGRGMGGLFSVGETTAKVLKDEIDVKFKDVAGCEEAKLEIMEF
VNFLKNPKQYQDLGAKIPKGAILTGPPGTGKTLAKATAGEANVPFITVSGSEFLEMFGVGPARGV
RDLFALARKNAPCILFIDEIDAVGRKRGRGNFGGQSEQENTLNQLLVEMDGFNTTTNVILAGTNR
PDILDPALLRPGRFDRQIFIGPPDIKGRASIFKVHLRPLKLDSTLEKDKLARKLASLTPGFSGADVA
NVCNEAALIAARHLSDSINQKHFEQAIERVIGGLEKKTQVLQPEEKKT VAYHEAGHAVAGWYLEHA
DPLLKVSIIIPRGKGLGYAQLPKEQYL YTKEQLLDRMCMTLGGRVSEEIFFGRIITGAQDDL RKVTQ
SAYAQIVQFGMNEKVGQISFDLPRQGDMVLEKPYSEATARLIDDEVIRILINDAYKRTVALLTEKKAD
VEKVALLLLEKEVLDKNDMVELLGPRPFAEKSTYEEFVEGTGSLDEDTSLPEGLKDWNKEREKE
KEEPPGEKVAN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

115

Interspecies Antigen Sequence

Mouse (92); Rat (92)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AFG3L2

Entrez GeneID	10939
GeneBank Accession#	BC065016.1
Protein Accession#	AAH65016.1
Gene Name	AFG3L2
Gene Alias	FLJ25993
Gene Description	AFG3 ATPase family gene 3-like 2 (yeast)
Omim ID	604581
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]

Other Designations

AFG3 (ATPase family gene 3, yeast)-like 2|AFG3 ATPase family gene 3-like 2|ATPase family gene 3, yeast|ATPase family gene 3-like 2
