

Recombinant Full Length Human AFG3L2 Protein, GST-tagged

Cat. No. AFG3L2-990HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AFG3L2 full-length ORF (AAH65016.1, 1 a.a. - 797 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	797 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	115 kDa
AA Sequence	MAHRCRLRWG RGGCWPRGLQ QLLVPGGVGP GEQPCLRTLY RFVTTQARAS RNSLLTDIIA AYQRFCSRPP KGFEKYFPNG KNGKKASEPK EVMGEKKESK PAATTRSSGG GGGGGGKRGK KKDDSHWWSR FQKGDIPWDD KDFRMFFLWT ALFWGGVMFY LLLKRSGREI TWKDFVNNYL SKGVVDRLEV VNKRFVRVTF TPGKTPVDGQ YVWFNIGSVD TERNLETQ QELGIEGENR VPVVYIAESD GSFLLSMLPT VLIIAFLLYT IRRGPAGIGR TGRGMGGLFS VGETTAKVLK DEIDVKFKDV AGCEEAKLEI MEFVNFLKNP KQYQDLGAKI PKGAILTGPP GTGKTLLAKA TAGEANVPFI TVSGSEFLEM FVGVGPARVR DLFALARKNA PCILFIDEID AVGRKRGRGN FGGQSEQENT LNQLLVEMDG FNTTTNVVIL

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AGTNRPDILD PALLRPGRFD RQIFIGPPDI KGRASIFKVH LRPLKLDSTL
 EKDKLARKLA SLTPGFSGAD VANVCNEAAL IAARHLSDSI NQKHFEQAIE
 RVIGGLEKKT QVLQPEEKKT VAYHEAGHAV AGWYLEHADP LLKVSIIPRG
 KGLGYAQYLP KEQYLYTKEQ LLDRMCMTLG GRVSEEIFFG RITTGAQDDL
 RKVTQSAYAQ IVQFGMNEKV GQISFDLPRQ GDMVLEKPYS EATARLIDDE
 VRILINDAYK RTVALLTEKK ADVEKVALLL LEKEVLDKND MVELLGPRPF
 AEKSTYEEFV EGTGSLDEDT SLPEGLKDOWN KEREKEKEEP PGEKVAN

Applications

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

AFG3L2 AFG3 ATPase family gene 3-like 2 (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

AFG3L2

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

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Protein Refseq	NP_006787
MIM	604581
UniProt ID	Q9Y4W6

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