

Recombinant Human AFG3L2 Protein, GST-tagged

Cat. No. AFG3L2-409H **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	Wheat Germ
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	MAHRCLRLWGRGGCWPRGLQQLLVPGGVGPGEQPCLRTLRYFVTTQARASRNSL LTDIAAYQRFCSRPPKGFKEYFPNGKNGKKASEPKEVMGEKKESKPAATTRSSGG GGGGGGKRGKKDDSHWWSRFQKGDIPWDDKDFRMFFLWTALFWGGVMFYLLL KRSGREITWKDFVNNYLSKGVVDRLEVVNKRFRVTFTPGKTPVDGQYVWFNIGSV DTFERNLETLQQLGIEGENRVPVYIAESDGSFLLSMLPTVLIIFLLYTIRRGPAIG RTGRGMGGLFSVGETTAKVLKDEIDVKFKDVAGCEEAKLEIMEFVNFLKNPKQYQDL GAKIPKGAILTGPPGTGKTLAKATAGEANVPFITVSGSEFLEMFGVGPAPVRDLFA LARKNAPCILFIDEIDAVGRKRGRGNFGGQSEQENTLNQLLVEMDGFNTTTNVVILA GTNRPDILDPALLRPGRFDRQIFIGPPDIKGRASIFKVHLRPLKLDSTLEKDKLARKLA SLTPGFSGADVANCNEAALIAARHLSDSINQKHFEQAIERVIGGLEKKTQVLQPEEK

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KTVAYHEAGHAVAGWYLEHADPLLKVSIIIPRGKGLGYAQYLPKEQYLYTKEQLLDRM
 CMTLGGRVSEEIFFGRITTGAQDDLKVTQSAYAQIVQFGMNEKVGQISFDLPRQGD
 MVLEKPYSEATARLIDDEVIRILINDAYKRTVALLTEKKADVEKVALLLLEKEVLDKNDM
 VELLGPRPFAEKSTYEEFVEGTGSLDEDTSLPEGLKDWNKEREKEKEEPPGEKVAN

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

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80centigrade. 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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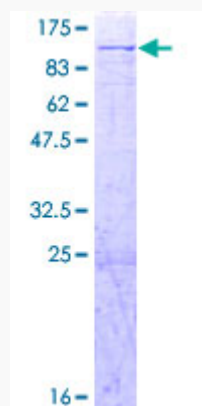
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Protein Refseq NP_006787

MIM 604581

UniProt ID Q9Y4W6

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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