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	MAHRCLRLWGRGGCWPRGLQQLLVPGGVGPGEQPCLRTLYRFVTTQARASRNSL LTDIIAAYQRFCSRPPKGFEKYFPNGKNGKKASEPKEVMGEKKESKPAATTRSSGG GGGGGGKRGGKKDDSHWWSRFQKGDIPWDDKDFRMFFLWTALFWGGVMFYLLL KRSGREITWKDFVNNYLSKGVVDRLEVVNKRFVRVTFTPGKTPVDGQYVWFNIGSV DTFERNLETLQQELGIEGENRVPVVYIAESDGSFLLSMLPTVLIIAFLLYTIRRGPAGIG RTGRGMGGLFSVGETTAKVLKDEIDVKFKDVAGCEEAKLEIMEFVNFLKNPKQYQDL GAKIPKGAILTGPPGTGKTLLAKATAGEANVPFITVSGSEFLEMFVGVGPARVRDLFA LARKNAPCILFIDEIDAVGRKRGRGNFGGQSEQENTLNQLLVEMDGFNTTTNVVILA GTNRPDILDPALLRPGRFDRQIFIGPPDIKGRASIFKVHLRPLKLDSTLEKDKLARKLA SLTPGFSGADVANVCNEAALIAARHLSDSINQKHFEQAIERVIGGLEKKTQVLQPEEK

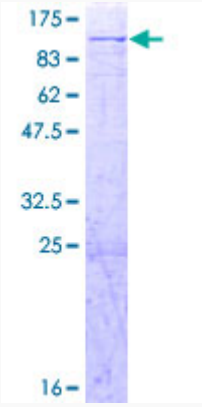
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	KTVAYHEAGHAVAGWYLEHADPLLKVSIIPRGKGLGYAQYLPKEQYLYTKEQLLDRM CMTLGGRVSEEIFFGRITTGAQDDLRKVTQSAYAQIVQFGMNEKVGQISFDLPRQGD MVLEKPYSEATARLIDDEVRILINDAYKRTVALLTEKKADVEKVALLLLEKEVLDKNDM VELLGPRPFAEKSTYEEFVEGTGSLDEDTSLPEGLKDWNKEREKEKEEPPGEKVAN
Applications	Enzyme-linked 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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Protein Refseq	NP_006787
MIM	604581
UniProt ID	Q9Y4W6
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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