

Recombinant Human AFG3L2, His-tagged

Cat. No. AFG3L2-26445TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 5-169 of Human AFG3L2 with an N terminal His tag. Predicted MWt: 19 kDa;
Species	Human
Source	E.coli
ProteinLength	5-169 a.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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 148 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	CLRLWGRGGCWPRGLQQLLVPGGVGPGEQPCLRTLRYFVT TQARASRNSLLTDII AAYQRFCSRPPKGFYFPNGKN GKKASEPKVEMGEKKESKPAATTRSSGGGGG

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GGGKRGG KKDDSHWWSRFQKGDIPWDDKDFRMFFLWTALFWGGVMFYLLLKRS
GRE

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;
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;

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