Recombinant Human EIF5A2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EIF5A2-4318H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EIF5A2 MS Standard C13 and N15-labeled recombinant protein (NP_065123) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. Functions as a regulator of apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation.
Molecular Mass	16.8 kDa
AA Sequence	MADEIDFTTGDAGASSTYPMQCSALRKNGFVVLKGRPCKIVEMSTSKTGKHGHAKV HLVGIDIFTGKKYEDICPSTHNMDVPNIKRNDYQLICIQDGYLSLLTETGEVREDLKLP EGELGKEIEGKYNAGEDVQVSVMCAMSEEYAVAIKPCKTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

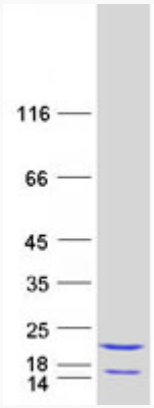
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EIF5A2 eukaryotic translation initiation factor 5A2 [Homo sapiens (human)]
Official Symbol	EIF5A2
Synonyms	EIF5A2; eukaryotic translation initiation factor 5A2; eukaryotic translation initiation factor 5A-2; eIF-5A-2; eukaryotic initiation factor 5A; EIF-5A2; eIF5AII;
Gene ID	56648
mRNA Refseq	NM_020390
Protein Refseq	NP_065123
MIM	605782
UniProt ID	Q9GZV4

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SDS-PAGE	

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