Recombinant Human EIF5A2, His-tagged

Cat. No. EIF5A2-27178TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human eIF5A2 with N terminal His tag; 173 amino acids with tag, Predicted MWt 18.9kDa.
Species	Human
Source	E.coli
ProteinLength	153 amino acids
Description	Eukaryotic translation initiation factor 5A-2 is a protein that in humans is encoded by the EIF5A2 gene.
Conjugation	HIS
Molecular Weight	18.900kDa inclusive of tags
Tissue specificity	Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells.
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMADEIDFTTGDAGASSTYPMQCSALRKNGFVVLKGRPCKIVEMSTSKTGKHGHAKVHLVGIDIFTGKKYEDICPSTHNMDVPNIKRNDYQLICIQDGYLSLLTETGEVREDLKLPEGELGKEIEGKYNAGEDVQVSVMCAMSEEYAVAIKPCK
Sequence Similarities	Belongs to the eIF-5A family.

GENE INFORMATION

Gene Name	EIF5A2 eukaryotic translation initiation factor 5A2 [Homo sapiens]
Official Symbol	EIF5A2
Synonyms	EIF5A2; eukaryotic translation initiation factor 5A2; eukaryotic translation initiation factor 5A-2;
Gene ID	56648
mRNA Refseq	NM_020390
Protein Refseq	NP_065123
MIM	605782
Uniprot ID	Q9GZV4
Chromosome Location	3q26.2

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Pathway	Hypusine synthesis from eIF5A-lysine, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Post-translational modification: gamma carboxylation and hypusine formation, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem;
Function	RNA binding; protein binding; ribosome binding; translation elongation factor activity;

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