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32-3743: EIF5A2 Recombinant Protein

Alternative Name : eIF-5A-2,EIF-5A2,eIF5AII,Eukaryotic translation initiation factor 5A-2,Eukaryotic initiation factor 5A isoform 2,EIF5A2.

Description

Source : Escherichia Coli. EIF5A2 Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 173 amino acids (1-153 a.a.) and having a molecular mass of 18.9 kDa. The EIF5A2 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. EIF5A2 is part of the eukaryotic initiation factor 5A subfamily, is an vital protein strongly linked to cellular polyamine homeostasis. EIF5A2 promotes the formation of the first peptide bond during the initial stage of protein synthesis. EIF5A2 is the single eukaryotic protein to have a hypusine residue, which is a post-translational modification of a lysine by the addition of a butylamino group.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	EIF5A2 Human solution containing 20mM Tris-HCl pH-8 & 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MADEIDFTTG DAGASSTYPM QCSALRKNGF VVLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DICPSTHNMD VPNIKRNDYQ LICIQDGYLS LLTETGEVRE DLKLPEGELG KEIEGKYNAG EDVQVSVMCA MSEEYAVAIK PCK.

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