9051 Mira Mesa Blvd, #910094
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EIF5A2 Human

Eukaryotic Translation Initiation Factor 5A2 Human Recombinant
RCP0748

Product Overview

Name	EIF5A2 Human

Description

Eukaryotic Translation Initiation Factor 5A2 Human Recombinant

Accession (Primary)	Q9GZV4

Synonyms

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

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

EIF5A2 Human solution containing 20mM Tris-HCl pH-8 & 10% glycerol.

Stability

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.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MADEIDFTTG DAGASSTYPM QCSALRKNGF VVLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DICPSTHNMD VPNIKRNDYQ LICIQDGYLS LLTETGEVRE DLKLPEGELG KEIEGKYNAG EDVQVSVMCA MSEEYAVAIK PCK.

Precautions

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EIF5A2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9GZV4)