

EIF5A2, 1-153aa, Human, His tag, E.coli

Cat.NO.: TP02005

3th Edition

Synonyms:Eukaryotic translation initiation factor 5A2

Description:EIF5A2, a member of eukaryotic initiation factor 5A subfamily, is an essential protein tightly linked to cellular polyamine homeostasis. The precise role of eIF-5A in protein biosynthesis is not known but it functions by promoting the formation of the first peptide bond during the initial stage of protein synthesis.

Form:Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

Molecular Weight:18.9 kDa(173aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMADEIDFTTGDAGASSTYPMQCSALRKNGFVVLKGRPCKIVEMSTSKTGKHGHA
KVHLVGIDIFTGKKYEDICPSTHNMDVPNIKRNDYQLICIQDGYLSLLTETGEVREDLKLPEGELGKEIEGKYNAGEDV
QVSVMCAMSEEYAVAIKPCK

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.