



EEF1B2, 1-225aa, Human, His tag, E.coli

Cat.NO.: TP01970

3th Edition

Synonyms:Elongation factor 1-beta, EF-1-beta, EEF1B, EEF1B1, EF1B

Description:Elongation factor 1-beta, also known as EEF1B2, is a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. EEF1B2 and EEF1D stimulate the exchange of GDP bound to EEF1A to GTP. Recombinant human EEF1B2 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol,1mM DTT, 100mM NaCl

Molecular Weight:25.8kDa (233aa) confirmed by MALDI-TOF

Sequences:

MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWYNHIKSYEKEKASLPGVKKAL
GKYGPADVEDTTGSGATDSKDDDDIDLFGSDDEEESEEAKRLREERLAQYESKKAKKPALVAKSSILLDVKPWDDE
TDMAKLEECVRSIQADGLVWGSSKLVVPGYGIKKLQIQCVVEDDKVGTDMLEEQITAFEDYVQSM DVAAFNKILEH
HHHHH

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.