Recombinant Human EEF1B2 Protein, His-tagged

Cat. No. EEF1B2-3460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EEF1B2 protein (1-225 aa), fused to His-tag at C-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	233
Description	This gene encodes a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. Alternative splicing results in three transcript variants which differ only in the 5' UTR.
Form	Liquid
Molecular Mass	25.8 kDa
AA Sequence	MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWY NHIKSYEKEKASLPGVKKALGKYGPADVEDTTGSGATDSKDDDDIDLFGSDDEEESE EAKRLREERLAQYESKKAKKPALVAKSSILLDVKPWDDETDMAKLEECVRSIQADGL VWGSSKLVPVGYGIKKLQIQCVVEDDKVGTDMLEEQITAFEDYVQSMDVAAFNKILE HHHHHH
Purity	> 90% by SDS-PAGE

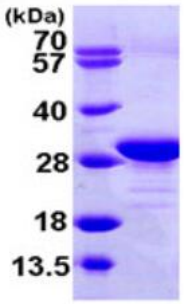
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Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by Bradford assay)
Storage Buffer	20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl

GENE INFORMATION

Gene Name	EEF1B2 eukaryotic translation elongation factor 1 beta 2 [Homo sapiens (human)]
Official Symbol	EEF1B2
Synonyms	EEF1B2; eukaryotic translation elongation factor 1 beta 2; elongation factor 1-beta; EF-1-beta; eukaryotic translation elongation factor 1 beta 1
Gene ID	1933
mRNA Refseq	NM_021121
Protein Refseq	NP_066944
MIM	600655
UniProt ID	P24534

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SDS-PAGE	 15% SDS-PAGE (3ug) 3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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