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Datasheet for ABIN7318455 EIF1B Protein (His tag)

Overview

Quantity:	50 µg
Target:	EIF1B
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF1B protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human EIF1B Protein (His Tag)
Sequence:	Met 1-Phe113
Characteristics:	Recombinant Human Eukaryotic Translation Initiation Factor 1B is produced by our E.coli expression system and the target gene encoding Met1-Phe113 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	EIF1B
Alternative Name:	EIF1B (EIF1B Products)
Background:	Background: Eukaryotic Translation Initiation Factor 1B (EIF1B) is an element of a complex involved in recognition of the initiator codon during the scanning process. Translation is also

Target Details

initiated by the function of EIF1B in regulating the activity of ribosomal subunits 43S, 48S and 40S. EIF1B enables 43S ribosomal complexes to distinguish between cognate and near-cognate initiation codons, perceiving the nucleotide content of initiation codons.

Synonym: Eukaryotic Translation Initiation Factor 1b, eIF1b, Protein Translation Factor SUI1

Homolog GC20, EIF1B

Molecular Weight: 15.0 kDa

UniProt: [O60739](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 500 mM NaCl, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.