Recombinant Human EEF1E1 protein(Met1-His174), His-tagged

Cat. No. EEF1E1-131H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EEF1E1 (NP_004271.1) (Met1-His174) was expressed in E. coli with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-His174
Form	Lyophilized from sterile PBS, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human EEF1E1 consists of 189 amino acids and predicts a molecular mass of 21.6 KDa. It migrates as an approximately 19-24 KDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	EEF1E1 eukaryotic translation elongation factor 1 epsilon 1 [Homo sapiens]
Official Symbol	EEF1E1
Synonyms	EEF1E1; eukaryotic translation elongation factor 1 epsilon 1; P18; eukaryotic translation elongation factor 1 epsilon-1; AIMP3; aminoacyl tRNA synthetase complex interacting multifunctional protein 3; ARS-interacting multifunctional protein 3; multisynthase complex auxiliary component p18; p18 component of aminoacyl-tRNA synthetase complex; aminoacyl tRNA synthetase complex-interacting multifunctional protein 3;
Gene ID	9521
mRNA Refseq	NM_001135650
Protein Refseq	NP_001129122
MIM	609206
UniProt ID	O43324

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