Datasheet for ABIN5853814

EEF2 Protein (AA 574-858) (His tag)

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1 Image

Overview

Quantity:	100 µg
Target:	EEF2
Protein Characteristics:	AA 574-858
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EEF2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSDPVVSYR ETVSEESNVL CLSKSPNKHN RLYMKARPFP DGLAEDIDKG EVSARQELKQ RARYLAEKYE WDVAEARKIW CFGPDGTGPN ILTDITKGVQ YLNEIKDSVV AGFQWATKEG ALCEENMRGV RFDVHDVTLH ADAIHRGGGQ IIPTARRCLY ASVLTAQPRL MEPIYLVEIQ CPEQVVGGIY GVLNRKRGHV FEESQVAGTP MFVVKAYLPV NESFGFTADL RSNTGGQAFP QCVFDHWQIL PGDPFDNSSR PSQVVAETRK RKGLKEGIPA LDNFLDKL
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	EEF2
Alternative Name:	EEF2 (EEF2 Products)

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Target Details

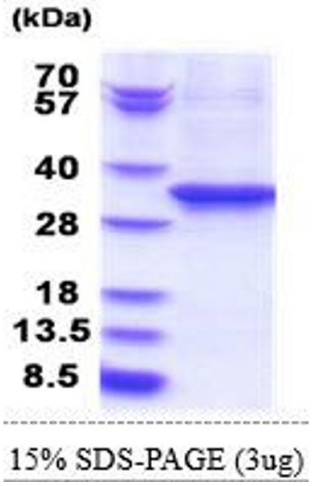
Background:	EEF2 is a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosporylation. Recombinant human EEF2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	34.3 kDa (308aa)
NCBI Accession:	NP_001952
UniProt:	P13639
Pathways:	AMPK Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.

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