

Recombinant Human EEF1D protein ab104755

1 Image

Description	
Product name	Recombinant Human EEF1D protein
Purity	> 90 % SDS-PAGE. ab104755 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P29692</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSH MATNFLAHEKIWFDKFKY DDAERRFYEQMN GPVAGASRQENGASVILRDIARARENIQKSLAGSSGPGAS SGTSGDHGEL VVRIASLEVENQSLRGVVQELQQAIKLEARLNVLEKSSP GHRATAPQTQ HVSPMRQVEPPAKKPATPAEDDEDDIDLFGSDNEED KEAAQLREERLR QYAEKKAKKPALVAKSSILLDVKPWDETDMAQLEACVR SIQLDGLVWGA SKLVPVGYGIRKLQIQCVVEDDKVGTDLLEEEITKFEEHVQ SVDIAAFNK I
Predicted molecular weight	33 kDa including tags
Amino acids	1 to 281
Tags	His tag N-Terminus

Specifications	
Our <u>Abpromise guarantee</u> covers the use of ab104755 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

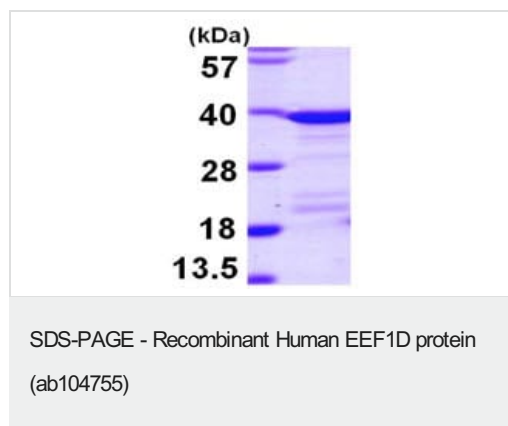
Function Isoform 1: EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP, regenerating EF-1-alpha for another round of transfer of aminoacyl-tRNAs to the ribosome. Isoform 2: Regulates induction of heat-shock-responsive genes through association with heat shock transcription factors and direct DNA-binding at heat shock promoter elements (HSE).

Tissue specificity Isoform 2 is specifically expressed in brain, cerebellum and testis.

Sequence similarities Belongs to the EF-1-beta/EF-1-delta family.

Cellular localization Nucleus.

Images



15% SDS-PAGE (3µg).

Note: Molecular weight on SDS-PAGE will appear higher than predicted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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