

Product datasheet

Recombinant Human eEF1A1/EF-Tu protein (denatured) ab177675

1 Image

Description

Product name	Recombinant Human eEF1A1/EF-Tu protein (denatured)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	P68104
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGKEKTHINI VVIGHVDSGK STTTGHLIYK CGGIDKRTIE KFEKEAAEMG KGSFKYAWVL DKLKAERERG ITIDISLWKF ETSKYVYTI DAPGHRDFIK NMITGTSQAD CAVLIVAAGV GEFEAGISKV GQTRHALLA YTLGVKQLIV GVNKMDSTEP PYSQKRYEEI VKEVSTYIKK IGYNPDTVAF VPISGWNGDN MLEPSANMPW FKGWKVTRKD GNASGTTLE ALDCILPPTP PTDKPLRLPL QDVYKIGGIG TVPVGRVETG VLKPGMVVTF APVNVTTTEVK SVEMHHEALS EALPGDNVGF NVKNVSVKDV RRGNVAGDSK NDPPMEEAAGF TAQVILNHP GQISAGYAPV LDCHTAHIAC KFAELKEKID RRSKGLLEDG PKFLKSGDAA MDMVPGKPM CVESFSDYPP LGRFAVRDMR QTVAVGVIIKA VDKKAAGAGK ITKSAQKAQK AK</p>
Predicted molecular weight	50 kDa
Amino acids	1 to 462
Additional sequence information	NP_001393

Specifications

Our [Abpromise guarantee](#) covers the use of **ab177675** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

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: 0.32% Tris HCl, 2.4% Urea, 10% Glycerol (glycerin, glycerine)

General Info

Function This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.

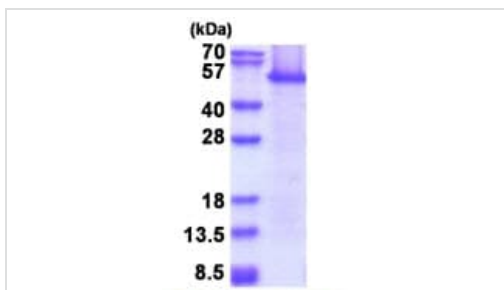
Tissue specificity Brain, placenta, lung, liver, kidney, pancreas but barely detectable in heart and skeletal muscle.

Sequence similarities Belongs to the GTP-binding elongation factor family. EF-Tu/EF-1A subfamily.

Post-translational modifications ISGylated.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of ab177675 (3 µg).

SDS-PAGE - Recombinant Human eEF1A1/EF-Tu protein (denatured) (ab177675)

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