



TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

YBF025Hu01 100 μ g

Recombinant Eukaryotic Translation Elongation Factor 1 Gamma (EEF1 γ)

Organism Species: Homo sapiens (Human)

*Instruction
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Ala2~Lys437

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P26641

Host: *E. coli*

Subcellular Location: Cytosol, extracellular vesicular exosome,
membrane, nucleus.

Purity: >95%

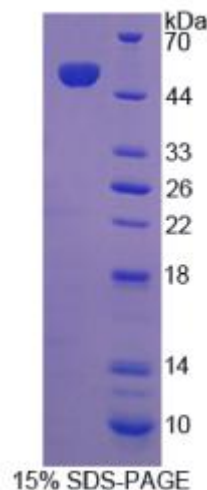
Endotoxin Level: <1.0EU per 1 μ g (determined by the LAL
method).

Formulation: Supplied as lyophilized form in PBS,
pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 6.3

Predicted Molecular Mass:

53.7kDa





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Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

AAGTLYTYP ENWRAFKALI AAQYSGAQR VLSAPPHFHF GQTNRTPEFL RKFPAGKVPA
FEGDDGFCVF ESNAIAYYVS NEELRGSTPE AAAQVVQWVS FADSDIVPPA STWVFPTLGI
MHHNKQATEN AKEEVRRILG LLDAYLKTRT FLVGERVTLA DITVVCTLLW LYKQVLEPSF
RQAFPTNRW FLTCINQPQF RAVLGEVKLC EKMAQFDAKK FAETQPKKDT PRKEKGSREE
KQKPQAEKE EKKAAPAPE EEMDECEQAL AAEPAKDPF AHLPKSTFVL DEFKRKYSNE
DTLSVALPYF WEHFDKGWS LWYSEYRFPE ELTQTFMSCN LITGMFQRLD KLRKNAFASV
ILFGTNNSSS ISGVVWFRGQ ELAFPLSPDW QVDYESYTWR KLDPGSEETQ TLVREYFSWE
GAFQHV GKAF NQ GKIFK