

Product datasheet for TP507381

Eef1a1 (NM_010106) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse eukaryotic translation elongation factor 1 alpha 1 (Eef1a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR207381 protein sequence
Red=Cloning site **Green**=Tags(s)

MGKEKTHINIVIGHVDSGKSTTTGHLIYKCGGIDKRTIEKFEKEAAEMGKGSFKYAWVLDKLAERERG
ITIDISLWKFETSKYYVTIIDAPGHRDFIKNMITGTSQADCAVLIVAAGVGEFEAGISKNGQTRHALLA
YTLGVKQLIVGVNKMDSTEPYPYSQKRYEEIVKEVSTYIKKIGYNPDTVAFPISGWNGDNMLEPSANMPW
FKGWKVKTRKDGSAAGTTLLEALDCILPPTRPDKPLRLPLQDVYKIGGIGTVPVGRVETGVLKPGMVVTF
APVNVTEVKSVEMHHEALSEALPGDNVGFNVKNVSKDVRGNGVAGDSKNDPPMEAAGFTAQVIILNHP
GQISAGYAPVLDCHTAHIACKFAELKEKIDRRSGKKLEDGPKFLKSGDAAIVDMVPGKPMCVESFSDYPP
LGRFAVRDMRQTVAVGVKAVDKKAAGAGKVTKSAQKAQKAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 50.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_034236](#)

Locus ID: 13627



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UniProt ID: [P10126](#), [Q58E64](#)

RefSeq Size: 1790

Cytogenetics: 9 E1

RefSeq ORF: 1389

Synonyms: MGC7551; MGC8115; MGC8209; MGC18758; MGC27859; MGC102592; MGC103271; MGC118397

Summary: This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. With PARP1 and TXK, forms a complex that acts as a T helper 1 (Th1) cell-specific transcription factor and binds the promoter of IFN-gamma to directly regulate its transcription, and is thus involved importantly in Th1 cytokine production. [UniProtKB/Swiss-Prot Function]