

Product datasheet for TP325386

OriGene Technologies, Inc.

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EEF1D (NM_001130055) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human eukaryotic translation elongation factor 1 delta (guanine

nucleotide exchange protein) (EEF1D), transcript variant 5, 20 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC225386 representing NM 001130055

or AA Sequence: Red=Cloning site Green=Tags(s)

MATNFLAHEKIWFDKFKYDDAERRFYEQMNGPVAGASRQENGASVILRDIARARENIQKSLAGSSGPGAS SGTSGDHGELVVRIASLEVENQSLRGVVQELQQAISKLEARLNVLEKSSPGHRATAPQTQHVSPMRQVEP PAKKPATPAEDDEDDDIDLFGSDNEEEDKEAAQLREERLRQYAEKKAKKPALVAKSSILLDVKPWDDETD MAQLEACVRSIQLDGLVWGASKLVPVGYGIRKLQIQCVVEDDKVGTDLLEEEITKFEEHVQSVDIAAFNK

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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 30.9 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeg: NP 001123527

Locus ID: 1936





UniProt ID: P29692

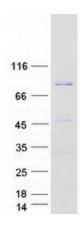
Cytogenetics: 8q24.3 RefSeq ORF: 843

Synonyms: EF-1D; EF1D; FP1047

Summary: This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the

enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit, delta, functions as guanine nucleotide exchange factor. It is reported that following HIV-1 infection, this subunit interacts with HIV-1 Tat. This interaction results in repression of translation of host cell proteins and enhanced translation of viral proteins. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. Related pseudogenes have been defined on chromosomes 1, 6, 7, 9, 11, 13, 17, 19.[provided by RefSeq, Aug 2010]

Product images:



Coomassie blue staining of purified EEF1D protein (Cat# TP325386). The protein was produced from HEK293T cells transfected with EEF1D cDNA clone (Cat# [RC225386]) using MegaTran 2.0 (Cat# [TT210002]).