

Product datasheet for TP325386M

EEF1D (NM_001130055) Human Recombinant Protein

Product data:

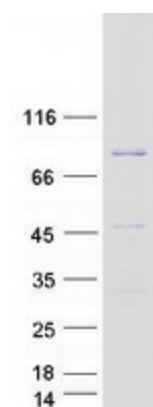
| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (EEF1D), transcript variant 5, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC225386 representing NM_001130055 Red =Cloning site Green =Tags(s) |
| | MATNFLAHEKIWFDFKFKYDDAERRFYEQMNGPVAGASRQENGASVILRDIARARENIQKSLAGSSGPGAS SGTSGDHGELVVRIASLEVENQSLRGVQELQQAISKLEARLNVLEKSSPGHRATAPQTQHVSPMRQVEP PAKKPATPAEDDEDDIDLFGSDNEEDKEAAQLREERLRQYAEKKAKKPALVAKSSILLDVKPWDDDET MAQLEACVRSIQLDGLVWGASKLVPVGYGIRKLQIQCVVEDDKVGTDLLEEEITKFEHVSVDIAAFNK I |
| | TR TRPLEQKLISEEDLAANDILDYKDDDDKV |
| 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. |
| RefSeq: | NP_001123527 |
| Locus ID: | 1936 |



[View online »](#)

| | |
|---------------|--|
| 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]).