

Active Recombinant Full Length Human EEF1D Protein, C-Flag-tagged

Cat. No. EEF1D-537HFL **Lot. No.** (See product label)

SPECIFICATION	
Product Overview	Recombinant Full Length Human EEF1D Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Biolayer interferometry (BLI) assay
Molecular Mass	30.9 kDa
AA Sequence	MRSGKASCTLETVWEDKHKYEEAERRFYEHETQAAASAQQLPAEGPAMNGPGQ DDPEDADEAEAPDGGG RRDPRKSQDSRKPLQKKRKRSPKSGGLPADLALLGLSAE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RVWLDKSLFDQAESSYRQKLADVAAQAAWPP ALAPWGLCTHGNQVACHHVTWGI
 WVNKSSFDQAERAFVEWSQALLAPEGSRRQGTPTNGQQVAVPDLAH QPSPPVN
 GQPPLGSLQALVREVVLEKPRYDAAERGFYEALFDGHPPGKVRLQERAGLAEGAR
 RGRRRRRG RNILGNKRAGLRRADGEAPSALPYCYFLQKDAEAPWLSKPAYDSAEC
 RHHAEEALRVAWCLEAASLSHRP GPRSGLSVSSLRPNRKMATNFLAHEKIWFDFK
 KYDDAERRFYEQMNGPVAGASRQENGASVILRDIARAR ENIQKSLAGSSSGPGASS
 GTSGDHGELVVRIASLEVENQSLRGVVQELQQAISKLEARLNVLEKSSSPGHRA TAP
 QTQHVSPMRQVEPPAKKPATPAEDDEDDIDLFGSDNEEEDKEAAQLREERLRQY
 AEKKAKKPALVA KSSILLDVKPWDDDETDMAQLEACVRSIQLDGLVWGASKLVPVG
 GIRKLQIQCVVEDDKVGTDLLEEEIT
 KFEHVSVDIAAFNKITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

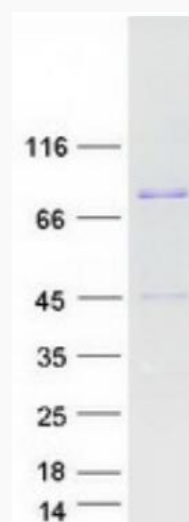
Gene Name	EEF1D eukaryotic translation elongation factor 1 delta [Homo sapiens (human)]
Official Symbol	EEF1D

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	EF1D; EF-1D; FP1047
Gene ID	1936
mRNA Refseq	NM_001960.7
Protein Refseq	NP_001951.2
MIM	130592
UniProt ID	P29692



Coomassie blue staining of purified EEF1D protein.