

Recombinant Human EEF1D Protein, GST-tagged

Cat. No. EEF1D-3071H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EEF1D full-length ORF (NP_001951.2, 1 a.a. - 281 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.[provided by RefSeq, Aug 2010]
Molecular Mass	57.5 kDa
AA Sequence	MATNFLAHEKIWFDFKFKYDDAERRFYEQMNGPVAGASRQENGASVILRDIARARENI QKSLAGSSGPGASSGTSGDHGELVVRIASLEVENQSLRGVVQELQQAIKLEARLN VLEKSSPGHRATAPQTQHVSPMRQVEPPAKKPATPAEDDEDDDDIDLFGSDNEEDK EAAQLREERLRQYAEKKAKKPALVAKSSILLDVKPWDETDMAQLEACVRSIQLDGL VWGASKLVPVGYGIRKLIQCVVEDDKVGTDLLEEEITKFEHVQSVDIAAFNKI
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

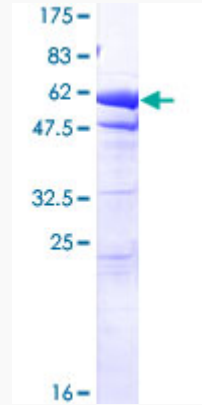
Gene Name	EEF1D eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) [Homo sapiens]
Official Symbol	EEF1D
Synonyms	EEF1D; eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein); elongation factor 1-delta; EF 1D; FLJ20897; EF-1-delta; antigen NY-CO-4; guanine nucleotide exchange protein; EF1D; EF-1D; FP1047;
Gene ID	1936
mRNA Refseq	NM_001130053
Protein Refseq	NP_001123525
MIM	130592
UniProt ID	P29692

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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