

Product datasheet for **AR09895PU-N**

EEF1D (1-281, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	EEF1D (1-281, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MATNFLAHEK IWFDKFKYDD AERRFYEQMN GPVAGASRQE NGASVILRDI ARARENIQKS LAGSSGPGAS SGTSGDHGEL VVRIASLEVE NQSLRGVVQE LQQAISKLEA RLNVLEKSSP GHRATAPQTQ HVSPMRQVEP PAKKPATPAE DDEDDIDLFGSDNEEEDKE AAQLREERLR QYAEEKAKKP ALVAKSSILL DVKPWDDET D MAQLEACVRS IQLDGLVWGA SKLVPVGYGI RKLQIQCVVE DDKVGTDLLE EEITKFEHV QSVDAAFNK I
Tag:	His-tag
Predicted MW:	33.2 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EEF1D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001123525</u>
Locus ID:	1936
UniProt ID:	<u>P29692</u> , <u>B2RAR6</u> , <u>D3DWK1</u>
Cytogenetics:	8q24.3
Synonyms:	EF-1D; EF1D; FP1047



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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: