

Product datasheet for AR09962PU-N

EEF1E1 (1-174, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Recombinant Proteins
Description:	EEF1E1 (1-174, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAAAAELSLL EKSLGLSKGN KYSAQGERQI PVLQTNNGPS LTGLTTIAAH LVKQANKEYL LGSTAEEKAI VQQWLEYRVT QVDGHSSKND IHTLLKDLNS YLEDKVYLTG YNFTLADILL YYGLHRFIVD LTVQEKEKYL NVSRWFCHIQ HYPGIRQHLS SVVFIKNRLY TNSH
Tag:	His-tag
Predicted MW:	21.9 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EEIF1E1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography
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 001129122</u>
Locus ID:	9521
UniProt ID:	<u>043324</u>
Cytogenetics:	6p24.3
Synonyms:	AIMP3; P18



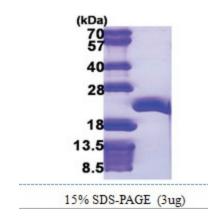
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Seffection EEF1E1 (1-174, His-tag) Human Protein – AR09962PU-N

Summary:This gene encodes a multifunctional protein that localizes to both the cytoplasm and nucleus.
In the cytoplasm, the encoded protein is an auxiliary component of the macromolecular
aminoacyl-tRNA synthase complex. However, its mouse homolog has been shown to
translocate to the nucleus in response to DNA damage, and it plays a positive role in
ATM/ATR-mediated p53 activation. Alternative splicing results in multiple transcript variants.
Read-through transcription also exists between this gene and the neighboring downstream
MUTED (muted homolog) gene. An EEF1E1-related pseudogene has been identified on
chromosome 2. [provided by RefSeq, Dec 2010]

Protein Families: Druggable Genome

Product images:



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