

Product datasheet for **AR51433PU-S**

EEF1A1 / LENG7 (1-462) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	EEF1A1 / LENG7 (1-462) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGKEKTHINI VIGHVDSGK STTTGHLIYK CGGIDKRTIE KFEKEAAEMG KGSFKYAWVL DKLKAERERG ITIDISLWKF ETSKYVVTII DAPGHRDFIK NMITGTSQAD CAVLIVAAGV GEFEAGISK GQTRHALLA YTLGVKQLIV GVNKMDSTEP PYSQKRYEEI VKEVSTYIKK IGYNPDTVAF VPISGWNGDN MLEPSANMPW FKGWKVTRKD GNASGTTLE ALDCILPPTR PTDKPLRLPL QDVYKIGGIG TVPVGRVETG VLKPGMVVTF APVNVVTEVK SVEMHHEALS EALPGDNGVF NVKNVSVKDV RRGNVAGDSK NDPPMEAAGF TAQVIILNHP GQISAGYAPV LDCHTAHIAC KFAELKEKID RRSKGKLEDG PKFLKSGDAA IVDMPGKPM CVESFSDYPP LGRFAVRDMR QTVAVGVIIKA VDKKAAGAGK ITKSAQKAQK AK
Predicted MW:	50 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EEF1A1 protein is expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001393
Locus ID:	1915
UniProt ID:	P68104 , Q6I9S9
Cytogenetics:	6q13
Synonyms:	CCS-3; CCS3; EE1A1; EEF-1; EEF1A; eEF1A-1; EF-Tu; EF1A; GRAF-1EF; LENG7; PTI1



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Summary:

This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas, and the other isoform (alpha 2) is expressed in brain, heart and skeletal muscle. This isoform is identified as an autoantigen in 66% of patients with Felty syndrome. This gene has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome

Product images: