

Product datasheet for **AR51511PU-S**

TSFM (46-346,) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TSFM (46-346,) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSKELLMKLR RKTGYSFVNC KKALETCCGD LKQAEIWLHK EAQKEGWSKA AKLQGRKTK GLIGLLQEGN TTVLVEVNCE TDFVSRNLKF QLLVQQVALG TMMHCQTLKD QPSAYSKVQW LTPVNLALWE AEAGGSLEGF LNSSELSGLP AGPDREGSLK DQLALAIGKL GENMILKRAA WVKVPSGFYV GSYVHGAMQS PSLHKLVLGK YGALVICETS EQKTNLEDVG RRLGQHVVGM APLSVGLDD EPGGEAETKM LSQPYLLDPS ITLGQYVQPQ GVSVDVFRF ECGEGEEAAE TE
Predicted MW:	32.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TSFM protein, fused to His-tag at N-terminus, was 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_001166166
Locus ID:	10102
UniProt ID:	P43897
Cytogenetics:	12q14.1
Synonyms:	EFTS; EFTSMT



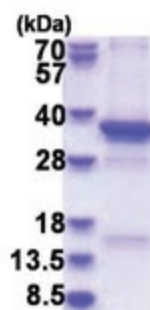
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Summary:

This gene encodes a mitochondrial translation elongation factor. The encoded protein is an enzyme that catalyzes the exchange of guanine nucleotides on the translation elongation factor Tu during the elongation step of mitochondrial protein translation. Mutations in this gene are associated with combined oxidative phosphorylation deficiency-3 syndrome. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Mar 2010]

Protein Families:

Transcription Factors

Product images:

15% SDS-PAGE (3ug)