

Ts Translation Elongation Factor Mitochondrial Human Recombinant

Item Number	rAP-4167
Synonyms	Elongation factor Ts, mitochondrial, Ts Translation Elongation Factor Mitochondrial, TSFM, EF-Ts, EF-TsMt, COXPD3.
Description	TSFM Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (46-346 a.a) and having a molecular mass of 32.9kDa. TSFM is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P43897
Amino Acid Sequence	MSKELLMKLR RKTGYSFVNC KKALETCCGD LKQAEIWLHK EAQKEGWSKA AKLQGRKTKE GLIGLLQEGN TTVLVEVNCE TDFVSRNLKF QLLVQQVALG TMMHCQTLKD QPSAYSKVQW LTPVNLAL- WE AEAGGSLEGF LNSSELSGLP AGPDREGSLK DQLALAIGKL GENMILKRAA WVKVPSGFYV GSYV- HGAMQS PSLHKLVLGK YGALVICETS EQKTNLEDVG RRLGQHVVGM APLSVGSLDD EPGGEAETKM LSQPYLLDPS ITLGQYVQPQ GVSVDVFRF ECGEGEEAAE TE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TSFM protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**