

Fission-1 Human Recombinant

Item Number	rAP-4471
Synonyms	TTC11, Tetratricopeptide repeat domain 11, Fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae).
Description	FIS1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 142 amino acids (1-122 a.a.) and having a molecular mass of 16.3 kDa. FIS1 protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.
Uniprot Accession Number	Q9Y3D6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MEAVLNELVS VEDLLKFEKK FQSEKAAGSV SKSTQFEYAW CLVRSKYND D IRKGIVLLEE LLPKGSKEEQ RDYVFYLA VG NYRLKEYEKA LKYVRGLLQT EPQNNQAKEL ERLIDKAMKK DG.
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	FIS1 protein solution (1mg/ml) containing 20mM Tris-HCl pH-8 and 10% glycerol. Greater than 95% 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**