

Immature Colon Carcinoma Transcript 1 Human Recombinant

Item Number	rAP-3872
Synonyms	DS-1, DS1, Peptidyl-tRNA hydrolase ICT1 mitochondrial, Digestion subtraction 1, Immature colon carcinoma transcript 1 protein, ICT1.
Description	ICT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 200 amino acids (30-206 a.a) and having a molecular mass of 22.8kDa. ICT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q14197
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSLHKQKDG TEFKSIYSLD KLYPESQGSD TAWRVPNGAK QADSDIPLDR LTISYCRSSG PGGQNVNKNV SKAEVRFHLA TAEWIAEPVR QKIAITHKNK INRLGELILT SESSRYQFRN LADCLQKIRD MITEASQTPK EPTKEDVKLH RIRIENMNRE RLRQKRIHSA VKTSRRVDMD.
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	ICT1 protein solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 30% glycerol, 1mM DTT. Greater than 90.0% 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**