

Inosine Triphosphatase Human Recombinant

Item Number	rAP-1544
Synonyms	EC 3.6.1.19, C20orf37, dJ794I6.3, HLC14-06-P, ITPase, My049, OK/SW-cl.9, Inosine Triphosphatase, ITPA.
Description	ITPA Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 215 amino acids (1-194 a.a.) and having a molecular mass of 23.7 kDa. The ITPA is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BY32
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MMAASLVGKK IVFVTGNAKK LEEVVQILGD KFPCTLVAQK IDLPEYQGEP DEISIQKCQE AVRQVQGPVL VEDTCLCFNA LGGLPGPYIK WFLEKLKPEG LHQLLAG- FED KSAYALCTFA LSTGDPSQPV RLFRGRTSGR IVAPRGCQDF GWDPFCQPDG YEQTYAEMPK AEKNAVSHRF RALLELQEYF GSLAA.
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	The ITPA solution (1mg/ml) contains 20mM Tris-HCl pH-8 & 10% glycerol. Greater than 95.0% 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**