

Fragile Histidine Triad Human Recombinant

Item Number	rAP-3315
Synonyms	EC 3.6.1.29, Dinucleosidetriphosphatase, Bis (5"-adenosyl)-triphosphatase , AP3Aase, AP3A hydrolase, Diadenosine 5",5""-P1,P3-triphosphate hydrolase, FRA3B.
Description	FHIT Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 155 amino acids (1-147 a.a.) and having a molecular mass of 17.9 kDa. FHIT protein is fused to an 8 amino acid His tag at C-terminus and is purified by standard chromatography.
Uniprot Accession Number	P49789
Amino Acid Sequence	MSFRFGQHLL KPSVVFLKTE LSFALVNRKP VVPGHVLVCP LRPVERFHDL RPDEVADLFQ TTQRVGTVE KHFGTSLTF SMQDGPEAGQ TVKHVHVHVL PRKAGDFHRN DSIYEELQKH DKEDFPASWR SEEEMAAEAA ALRVYFQLEH HHHHH.
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	FHIT Human solution containing 20mM Tris-HCl pH-8 & 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**