

Aprataxin Human Recombinant

Item Number	rAP-4457
Synonyms	AXA1, AOA, FHA-HIT, AOA11, ataxia 1, early onset with hypoalbuminemia1 EOAHA1, EAOH1, Forkhead-associated domain histidine triad-like protein, APTX, Aprataxin, AOA1, EAOH, EOAHA, MGC1072, FLJ20157.
Description	APTX Human Recombinant fused to a 37 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 205 amino acids (1-168 a.a) and having a molecular mass of 23.9 kDa. The APTX is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q7Z2E3
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMQD PKMQVYKDEQ VVVIKDKYPK ARY- HWLVLPW TSISLKA VA REHLELLKHM HTVGEKVIVD FAGSSKLRFR LGYHAIPSMS HVHLHVISQD FDSPCLKNKK HWNSFNTEYF LESQAVIEMV QEAGRVTVRD GMPELLKLPL RCHECQQLLP SIPQLKEHLR KHWTQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, fro- zen 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 APTX solution contains 20mM Tris-HCl pH-7.5, 0.1M NaCl, 0.1mM PMSF and 20% 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 condi-
tions should be optimized by the ender users! This product is sold for **Research Use Only**