

Copper Transport Protein ATOX1 Human Recombinant

Item Number	rAP-4447
Synonyms	Antioxidant protein 1, ATX1, HAH1, Copper transport protein ATOX1, Metal transport protein ATX1, ATOX1, MGC138453, MGC138455.
Description	ATOX1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 88 amino acids (1-68 a.a.) and having a molecular mass of 9.5kDa. ATOX1 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	O00244
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MPKHEFSVDM TCGGCAEAVS RVLNKLGGVK YDIDLPNKKV CIESEHSMDT LLATLKKTGK TVSYLGLE.
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). Please prevent freeze thaw cycles.
Formulation and Purity	ATOX1 solution containing 20mM Tris pH-8, 1mM DTT 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**