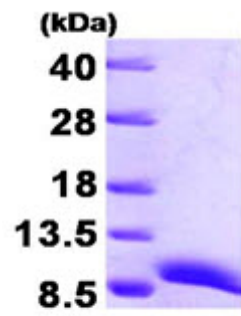


AR09317PU-L**Human ATOX1 (1-68, His-tag) - Purified**

Alternate names:	ATX1, Copper transport protein ATOX1, HAH1, Metal transport protein ATX1
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Copper transport protein ATOX1, also known as HAH1, a metal transport protein that belongs to the ATX1 family. ATOX1 is involved in cellular antioxidant defense and can bind and deliver cytosolic copper to the copper ATPase proteins. This protein also functions as an antioxidant against superoxide and hydrogen peroxide, and therefore, may play a significant role in cancer carcinogenesis. Because of its cytogenetic location, this gene represents a candidate gene for 5q-syndrome.
Uniprot ID:	O00244
NCBI:	NP_004036
GeneID:	475
Species:	Human
Source:	E. coli
Format:	State: Liquid purified peptide Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
Description:	Recombinant human ATOX1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH</u> SSGLVPRGSH MPKHEFSVDM TCGGCAEAVS RVLNKLGGVK YDIDLPNKKV CIESEHSMDT LLATLKKTGK TVSYLGLE Molecular weight: 9.5 kDa (88 aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human ATOX1 (1- 68 aa),
His-tagged: 15% SDS-PAGE (3 μ g)

