

ATOX1 抗原（重组蛋白）

中文名称：ATOX1 抗原（重组蛋白）

英文名称：ATOX1 Antigen (Recombinant Protein)

别名：ATX1; HAH1

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	antioxidant 1 copper chaperone
Synonyms:	ATX1; HAH1
Swissprot:	O00244
Gene Accession:	BC112248
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a copper chaperone that plays a role in copper homeostasis by binding and transporting cytosolic copper to ATPase proteins in the trans-Golgi network for later incorporation to the ceruloplasmin. 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.