

CDO1 抗原（重组蛋白）

中文名称： CDO1 抗原（重组蛋白）

英文名称： CDO1 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	cysteine dioxygenase type 1
Swissprot:	Q16878
Gene Accession:	BC024241
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	CDO1 (cysteine dioxygenase, type I) is a 200 amino acid protein that belongs to the cysteine dioxygenase family and is involved in organo sulfur biosynthesis. Existing as a monomer and expressed at high level in liver and placenta and at lower levels in brain, pancreas and heart, CDO1 functions as a dioxygenase that uses iron and zinc as cofactors to catalyze the conversion of L-cysteine and oxygen to 3-sulfinol anine.