

CIAO2A 抗原（重组蛋白）

中文名称： CIAO2A 抗原（重组蛋白）

英文名称： CIAO2A Antigen (Recombinant Protein)

别名： cytosolic iron-sulfur assembly component 2A; CIA2A; FAM96A

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 1-160 amino acids of human CIAO2A

技术规格

Full name:	cytosolic iron-sulfur assembly component 2A
Synonyms:	CIA2A; FAM96A
Swissprot:	Q9H5X1
Gene Accession:	BC008865
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins (PubMed: 23891004). As a CIA complex component and in collaboration with CIAO1 specifically matures ACO1 and stabilizes IREB2, connecting cytosolic iron-sulfur protein maturation with cellular iron regulation (PubMed:23891004). May play a role in chromosome segregation through establishment of sister chromatid cohesion. May in

duce apoptosis in collaboration with APAF1 (PubMed:25716227).