

COX16 抗原（重组蛋白）

中文名称：COX16 抗原（重组蛋白）

英文名称：COX16 Antigen (Recombinant Protein)

别名：cytochrome c oxidase assembly factor COX16; hCOX16; HSPC203; C14orf112

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	cytochrome c oxidase assembly factor COX16
Synonyms:	hCOX16; HSPC203; C14orf112
Swissprot:	Q9P0S2
Gene Accession:	BC001702
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Required for the assembly of the mitochondrial respiratory chain complex IV (CIV), also known as cytochrome c oxidase (PubMed:29355485, PubMed:29381136). Promotes the insertion of copper into the active site of cytochrome c oxidase subunit II (MT-CO2/COX2) (PubMed:29355485, PubMed:29381136). Interacts specifically with newly synthesized MT-CO2/COX and its copper center-forming metallochaperones SCO1, SCO2 and COA6 (PubMed:29381136). Probably facilitates

es MT-CO2/COX2 association with the MITRAC assembly intermediat
e containing MT-CO1/COX1, thereby participating in merging the M
T-CO1/COX1 and MT-CO2/COX2 assembly lines (PubMed:29381136).