

## 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

<b>Full name:</b>	cytochrome c oxidase assembly factor COX16
<b>Synonyms:</b>	hCOX16; HSPC203; C14orf112
<b>Swissprot:</b>	Q9P0S2
<b>Gene Accession:</b>	BC001702
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 MT-CO2/COX2 association with the MITRAC assembly intermediate containing MT-CO1/COX1, thereby participating in merging the MT-CO1/COX1 and MT-CO2/COX2 assembly lines (PubMed:29381136).

