



SCO1 blocking peptide (CDBP6067)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane. In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SCO1 SCO1 cytochrome c oxidase assembly protein [Homo sapiens (human)]
Official Symbol	SCO1
Synonyms	SCO1; SCO1 cytochrome c oxidase assembly protein; SCOD1; protein SCO1 homolog, mitochondrial; SCO cytochrome oxidase deficient homolog 1
Entrez Gene ID	6341
mRNA Refseq	NM_004589

Protein Refseq	NP_004580
UniProt ID	O75880
Pathway	Electron Transport Chain; Metabolism; Respiratory electron transport; The citric acid (TCA) cycle and respiratory electron transport
Function	copper ion binding