



# Human SCO2 blocking peptide (CDBP2620)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-SCO2 antibody
<b>Antigen Description</b>	Cytochrome c oxidase (COX) catalyzes the transfer of electrons from cytochrome c to molecular oxygen, which helps to maintain the proton gradient across the inner mitochondrial membrane that is necessary for aerobic ATP production. Human COX is a multimeric protein complex that requires several assembly factors; this gene encodes one of the COX assembly factors. The encoded protein is a metallochaperone that is involved in the biogenesis of cytochrome c oxidase subunit II. Mutations in this gene are associated with fatal infantile encephalocardiomyopathy. [provided by RefSeq, May 2014]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

## GENE INFORMATION

**Gene Name** [SCO2 SCO cytochrome oxidase deficient homolog 2 \(yeast\) \[ Homo sapiens \]](#)

<b>Official Symbol</b>	SCO2
<b>Synonyms</b>	SCO2; SCO cytochrome oxidase deficient homolog 2 (yeast); SCO (cytochrome oxidase deficient, yeast) homolog 2; protein SCO2 homolog, mitochondrial; SCO1L; cytochrome oxidase deficient homolog 2; MGC125823; MGC125825;
<b>Entrez Gene ID</b>	<a href="#">9997</a>
<b>mRNA Refseq</b>	<a href="#">NM_001169109</a>
<b>Protein Refseq</b>	<a href="#">NP_001162580</a>
<b>UniProt ID</b>	O43819
<b>Chromosome Location</b>	22q13.33
<b>Pathway</b>	salvage pathways of pyrimidine deoxyribonucleotides, organism-specific biosystem;
<b>Function</b>	copper ion binding; metal ion binding;