

## Recombinant Human SCO2 Protein (Gly42-Ser266), His tagged

Cat. No. SCO2-2836H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SCO2 (Gly42-Ser266) protein fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly42-Ser266
<b>Description</b>	Copper metallochaperone essential for the synthesis and maturation of cytochrome c oxidase subunit II (MT-CO2/COX2). Involved in transporting copper to the Cu (A) site on MT-CO2/COX2. Also acts as a thiol-disulfide oxidoreductase to regulate the redox state of the cysteines in SCO1 during maturation of MT-CO2/COX2.
<b>Molecular Mass</b>	26.52 kDa
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

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**Reconstitution** Reconstitute in sterile water for a stock solution.

**Shipping** In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

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

**Official Symbol** [SCO2](#)

**Synonyms** 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;

**Gene ID** [9997](#)

**mRNA Refseq** [NM\\_001169109](#)

**Protein Refseq** [NP\\_001162580](#)

**MIM** [604272](#)

**UniProt ID** [O43819](#)

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