

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

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

SPECIFICATION

Product Overview	Recombinant human SCO2 (Gly42-Ser266) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly42-Ser266
Description	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.
Molecular Mass	26.52 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	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.
Storage Buffer	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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