

Recombinant Human SCO2 protein, His-tagged

Cat. No. SCO2-3149H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCO2 protein(NP_001162580)(1-266 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-266 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MLLLTRSPTAWHRLSQLKPRVLP GTLGGQALHLSWLLSRQGAETGGQGQPQGP GLRTRLLITGLFGAGLGGAWLALRAEKERLQQQKRTEALRQA AVGQGDFHLLDHRG RARCKADFRGQWVLMYFGFTHCPDICPDELEKLVQVVRQLEAEPGLPPVQPVFITV DPERDDVEAMARYVQDFHPRLLGLTGSTKQVAQASHSYRVYYNAGPKDEDQDYIV DHSIAIYLLNPDGLFTDYYGRSRSAEQISDSVRRHMAAFRSVLS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

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