

Recombinant Human SCO2 protein, His-SUMO-tagged

Cat. No. SCO2-3473H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCO2 protein(O43819)(43-266aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	43-266aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	41.1 kDa
AA Sequence	PAETGGQGQPQGPGLRTRLLITGLFGAGLGGAWLALRAEKERLQQQKRTEALRQA AVGQGDFHLLDHRGRARCKADFRGQWVLMYFGFTHCPDICPDELEKLVQVVRQLE AEPGLPPVQPVFITVDPERDDVEAMARYVQDFHPRLGLTGSTKQVAQASHSYRVY YNAGPKDEDQDYIVDHSIAIYLLNPDGLFTDYYGRSRSAEQISDSVRRHMAAFRSVL S
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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](#)

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