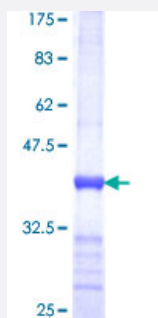


SCO1 (Human) Recombinant Protein (Q01)

Catalog # H00006341-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SCO1 partial ORF (NP_004580, 202 a.a. - 301 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SIDPERDTKEAIAANYVKEFSPKLVGLTGTREEVDQVARAYRVYSPGPKDEDEDYVDHTIIMYLIGP DGEFLDYFGQNKRKGEIAASIATHMRPYRKKS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (88); Rat (87)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SCO1

Entrez GeneID [6341](#)

GeneBank Accession# [NM_004589](#)

Protein Accession# [NP_004580](#)

Gene Name SCO1

Gene Alias SCOD1

Gene Description SCO cytochrome oxidase deficient homolog 1 (yeast)

Omim ID [603644](#)

Gene Ontology [Hyperlink](#)

Gene Summary Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane. In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene. [provided by RefSeq]

Other Designations cytochrome oxidase deficient homolog 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)