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Product datasheet for AR51748PU-S

SCO1 / SCOD1 (132-301, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SCO1 / SCOD1 (132-301, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGKPLLGGPF SLTTHTGERK TDKDYLGQWL LIYFGFTHCP DVCPEELEKM IQVVDEIDSI TTLPDLTPLF ISIDPERDTK EAIANYVKEF SPKLVGLTGT REEVDQVARA YRVYYSPGPK DEDEDYIVDH TIIMYLIGPD GEFLDYFGQN KRKGEIAASI ATHMRPYRKK SLEHHHHHH
Tag:	His-tag
Predicted MW:	20.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SCO1 protein , fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_004580
Locus ID:	6341
UniProt ID:	O75880
Cytogenetics:	17p13.1
Synonyms:	MC4DN4; SCOD1

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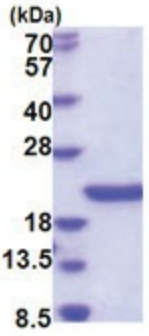
Summary: Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane. In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene. [provided by RefSeq, Jul 2008]

Product images:



15% SDS-PAGE (3ug)