产品名称：Recombinant Human SCO1 (N-GST)
产品货号：PEH1471

概述（Summary）

英文全称	SCO1/SCOD1
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Protein SCO1 Homolog Mitochondrial is produced by our E.coli expression system and the target gene encoding Gly132-Ser301 is expressed with a GST tag at the N-terminus.
Accession #	O75880
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	20.14 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 50mM PB, 1mM DTT, pH 7.2.
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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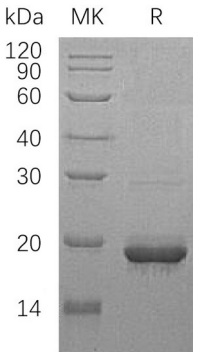

背景（Background）

分子别名（Alternative Names）	Protein SCO1 Homolog Mitochondrial; SCO1; SCOD1
背景介绍（References）	Protein SCO1 Homolog, Mitochondrial (SCO1) is a member of the SCO1/2 family. SCO1 has a homodimer structure. SCO1 is located in mitochondrion and is highly expressed in muscle, heart, and brain. It is characterized by high rates of Oxidative Phosphorylation (OxPhos). SCO1 is thought to play a important role in cellular copper homeostasis, mitochondrial redox signaling and insertion of copper into the active site of COX. The defects of SCO1 can result in Mitochondrial Complex IV Deficiency (MT-C4D). A disorder of the mitochondrial respiratory chain has heterogeneous clinical manifestations, ranging from isolated myopathy to severe multisystem disease affecting several tissues and organs.

注意事项（Note）

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