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Datasheet for ABIN7505240

SCO2 Protein (AA 42-266) (His tag)

Overview

Quantity:	100 µg
Target:	SCO2
Protein Characteristics:	AA 42-266
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCO2 protein is labelled with His tag.

Product Details

Sequence:	Gly 42-Ser 266
Characteristics:	A DNA sequence encoding the Human SCO2 protein (O43819) (Gly 42-Ser 266) was expressed with aN-His&C-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	SCO2
Alternative Name:	SCO2 (SCO2 Products)
Background:	Background: Acts as a copper chaperone, transporting copper to the Cu(A) site on the cytochrome c oxidase subunit II (COX2). Defects in SCO2 are the cause of fatal infantile cardioencephalomyopathy with cytochrome c oxidase deficiency (FIC) . This disease is character

Target Details

	Synonym: Protein SCO2 homolog, mitochondrial,SCO2,
Molecular Weight:	24.64 kDa
UniProt:	O43819
Pathways:	Transition Metal Ion Homeostasis , Warburg Effect

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months