

Recombinant Human COX4I1 Protein (23-169 aa), His-SUMO-tagged

Cat. No. COX4I1-419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COX4I1 Protein (23-169 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	23-169 aa
Description	This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.2 kDa
AA Sequence	AHESVVKSEDFSLPAYMDRRDHPLPEVAHVKHLSASQKALKEKEKASWSSLMSDEK VELYRIKFKEFAEMNRGSNEWKTVVGGAMFFIGFTALVIMWQKHVYVYGPLPQSFD KEWVAKQTKRMLDMKVNPIQGLASKWDYEKNEWKK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name

COX4I1 cytochrome c oxidase subunit IV isoform 1 [Homo sapiens]

Official Symbol

COX4I1

Synonyms

COX4I1; COX4 1; COX IV-1; COX4; COXIV; COX4-1; FLJ23483; MGC72016;

Gene ID

1327

mRNA Refseq

NM_001861

Protein Refseq

NP_001852

MIM

123864

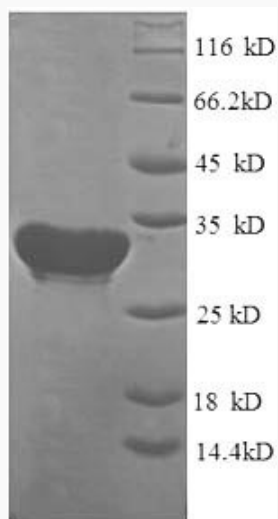
UniProt ID

P13073

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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