Cytochrome C Oxidase Subunit IV Isoform 1 (COX4I1) Recombinant Protein | COX4I1 recombinant protein

Recombinant Cytochrome C Oxidase Subunit IV Isoform 1 (COX4I1)

CATALOG #	HOST	APPLICATIONS
AAA153581	**E coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Cytochrome C Oxidase Subunit IV Isoform 1 (COX4I1); Recombinant Cytochrome C Oxidase Subunit IV Isoform 1 (COX4I1); Cytochrome C Oxidase Subunit IV Isoform 1; COX4I1 recombinant protein (prokaryotic); Human; COX4; Cytochrome c oxidase polypeptide IV; Cytochrome c oxidase subunit 4 isoform 1; mitochondrial; COX4I1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Lys169
Applicable Applications for COX4I1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.5
Subcellular Location	Mitochondrion
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

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MLATRVFSLV GKRAISTSVC VRAHESVVKS EDFSLPAYMD RRDHPLPEVA
HVKHLSASQK ALKEKEKASW SSLSMDEKVE LYRIKFKESF AEMNRGSNEW
KTVVGGAMFF IGFTALVIMW QKHYVYGPLP QSFDKEWVAK QTKRMLDMKV
NPIQGLASKW DYEKNEWKK
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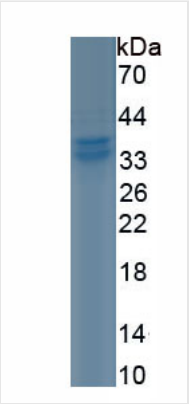
Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for COX4I1 recombinant protein	Prokaryotic proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502981
NCBI GeneID	1327
NCBI Accession #	NP_001852.1
NCBI GenBank Nucleotide #	NM_001861.3
UniProt Accession #	P13073; Q6P666; B2R4J2; D3DUM7
Molecular Weight	19,577 Da
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 1, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit IV isoform 1
NCBI Official Symbol	COX4I1
NCBI Official Synonym Symbols	COX4; COXIV; COX4-1
NCBI Protein Information	cytochrome c oxidase subunit 4 isoform 1, mitochondrial; COX IV-1; cytochrome c oxidase polypeptide IV
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Gene Name	**COX4I1**
UniProt Synonym Gene Names	COX4; COX IV-1
UniProt Entry Name	COX41_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/cox4i1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153581