

Recombinant Human COX7A2L protein, His-tagged

Cat. No. COX7A2L-11501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COX7A2L protein(1-114 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-114 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MYKFSFGFTQKLAGAWASEAYSPQGLKPVVSTEAPPIIFATPTKLTSDSTVYDYAGK NKVPELQKFFQKADGVPVYLKRGLPDQMLYRTTMALTVGGTIYCLIALYMASQPKNK
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	COX7A2L cytochrome c oxidase subunit VIIa polypeptide 2 like [Homo sapiens]
Official Symbol	COX7A2L
Synonyms	COX7A2L; cytochrome c oxidase subunit VIIa polypeptide 2 like; cytochrome c oxidase subunit 7A-related protein, mitochondrial; COX7AR; COX7RP; EB1; SIG81; COX7a-related protein; estrogen receptor binding CpG island; cytochrome c oxidase subunit VII-related protein; cytochrome c oxidase subunit VIIa-related protein;
mRNA Refseq	NM_004718
Protein Refseq	NP_004709
MIM	605771
UniProt ID	O14548
Gene ID	9167

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