

Recombinant Human COX5A protein, His-tagged

Cat. No. COX5A-7086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COX5A protein(1-150 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-150 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: 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	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term

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storage.

AA Sequence

MLGAALRRCAVAATTRADPRGLLHSARTPGPAVAIQSVRCYSHGSQETDEEFDAR
WVTYFNKPDIDAWELRKGINTLVITYDMVPEPKIIDAAALRACRRLNDFASTVRILEVVK
DKAGPHKEIYPYVIQELRPTLNELGISTPEELGLDKV

GENE INFORMATION

Gene Name

COX5A cytochrome c oxidase subunit Va [Homo sapiens]

Official Symbol

COX5A

Synonyms

COX5A; cytochrome c oxidase subunit Va; cytochrome c oxidase subunit 5A, mitochondrial; cytochrome c oxidase polypeptide Va; mitochondrial cytochrome c oxidase subunit Va; cytochrome c oxidase polypeptide, mitochondrial; VA; COX; COX-VA;

Gene ID

9377

mRNA Refseq

NM_004255

Protein Refseq

NP_004246

MIM

603773

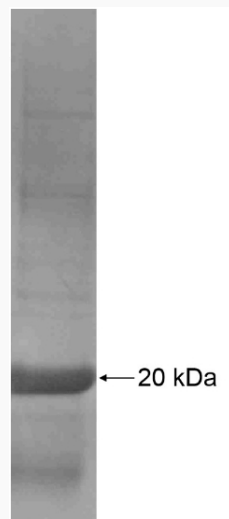
UniProt ID

P20674

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SDS-PAGE

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