

## COX4I1

### Recombinant Human COX4/COX4I1, N-His tag

<b>Catalog No.</b>	YHC96401A YHC96401B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial, Cytochrome c oxidase polypeptide IV, COX IV-1, Cytochrome c oxidase subunit IV isoform 1		
<b>Description:</b>	Component of the cytochrome c oxidase, the last enzyme in the mitochondrial electron transport chain which drives oxidative phosphorylation.		
<b>UniProt ID:</b>	P13073		
<b>Source:</b>	E. coli		
<b>Molecular Weight:</b>	19.51 kDa		
<b>Protein Construction:</b>	A DNA sequence encoding human COX4I1 (Ala23-Lys169) was fused with a N-terminal His tag		
<b>Biologic Activity:</b>	Testing in progress.		
<b>Formulation:</b>	Lyophilized from PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol		
<b>Purity:</b>	> 90% as determined by SDS-PAGE		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1 -1.0 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.		
<b>Storage &amp; Stability:</b>	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C for up to 3 months. <b>Avoid repeated freeze-thaw cycles.</b>		

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