

**Human COX1 (CO1) (COI) (a.a.1-513)**

Swiss-Prot #	Q7GXY8
Protein names	Cytochrome c oxidase subunit 1 (EC 1.9.3.1)
Gene names	COX1 (CO1) (COI)
Organism	Human

Codon optimized cDNA Clone

cDNA Cat#	RPE-0253
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Description Applications:1. Codon-optimized cDNA sequence designed for recombinant protein production in both E.coli and Mammalian cell. The cDNA has been cloned into E.coli expression vector with 6x Histidine at N-terminus. 2. May be used as RNAi assistance to restore the loss-of-function.

Tag A 6x histidine tag

Formulation Liquid

Storage -20° to -70° C. Avoid repeated freeze-thaw cycles.

Recombinant Protein

Protein Cat#	PE-0253
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Source Recombinant protein derived from E.coli. Or plant cell

Tag A 6x histidine tag

Formulation Liquid

Purity > 90%, as determined by SDS-PAGE under reducing conditions

Activity N/A

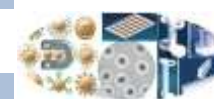
Applications Western Blot, ELISA or may be used for other applications determined by user

Storage -20° to -70° C. Avoid repeated freeze-thaw cycles.

Sequence MFADRWLFSTNHKDIGTLYLLFGAWAGVLGTALSLIRAE LGQPGNLLGNDHIYNVIVTA
HAFVMIFFMVMPIMIGGFGNWLVPIMIGAPDMAFPRMNNMSFWLLPSSL LLLASAMVEA
GAGTGWTVPPLAGNYSHPGASVDLTIFSLHLAGVSSILGAINFITTIINMKPPAMTQYQ
TPLFVWSVLITAVLLLLSLPVLAAGITMLLTDRNLNTTFFDPAGGGDPILYQHLEWFFGH
PEVYILILPGFGMISHIVTYYSKGKEPFGYMGVMWAMMSIGFLGFIVWAHHMFTVGMDVD
TRAYFTSATMIIAIP TGVKVFSWLATLHGSNMKWSAAVLWALGFIFLFTVGGLTGIVLAN
SSLDIVLHDTYYVVAHFHYVLSMGAVFAIMGGFIHWFLPFSGYTLDQTYAKIHFTIMFIG
VNLTFPQHFGLGSGMPRRYSYDPDAYTTWNILSSVGSFISLTAVMLMIFMIWEAFASKR
KVL MV EEP SMNLEWLYGCPPPYHTFEPPVYMK S

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Recombinant-COX1-CO1-COI-protein-cDNA-COX1-CO1-COI-Human-COX1

recombinant protein, codon optimized, cDNA, Q7GXY8, Human, COX1, CO1, COI, Cytochrome c oxidase subunit, 1,

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