

Product datasheet for **TP305174**

COQ10B (NM_025147) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coenzyme Q10 homolog B (<i>S. cerevisiae</i>) (COQ10B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205174 protein sequence Red =Cloning site Green =Tags(s)

MAARTGHTALRRVVS^{Green}GCRPKSATAAGAQA^{Red}PVRNGRYLASC^{Green}GILMSRTLPLHTSILPKEICARTFFKITAP
LINKRKEYSERRILGYSMQEMYDVVSGVEDYKHFVPWCKKSDVISKRS^{Green}GYCKTRLEIGFPPVLERYSVV
TLVKPHLVKASCTDGRLFNHLETIWRFS^{Green}PLPGYPRTCTLDFSISFEFRSLLHSQ^{Green}LATLFFDEVVKQ^{Green}MVA
AFERRACKLYGPETNIPRELMLHEVHHT

TRTRPLE^{Green}QKLISEEDLAANDILDYKDDDD^{Green}KV

Tag:	C-Myc/DDK
Predicted MW:	26.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079423
Locus ID:	80219
UniProt ID:	Q9H8M1



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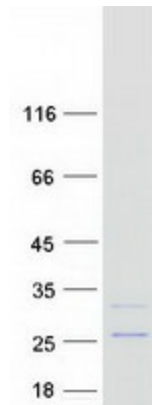
RefSeq Size: 1989

Cytogenetics: 2q33.1

RefSeq ORF: 714

Summary: Required for the function of coenzyme Q in the respiratory chain. May serve as a chaperone or may be involved in the transport of Q6 from its site of synthesis to the catalytic sites of the respiratory complexes (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified COQ10B protein (Cat# TP305174). The protein was produced from HEK293T cells transfected with COQ10B cDNA clone (Cat# [RC205174]) using MegaTran 2.0 (Cat# [TT210002]).