

Product datasheet for PH305174

COQ10B (NM_025147) Human Mass Spec Standard

Product data:

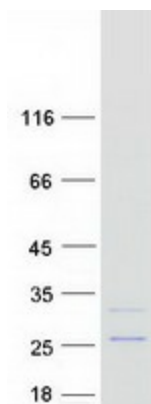
Product Type:	Mass Spec Standards
Description:	COQ10B MS Standard C13 and N15-labeled recombinant protein (NP_079423)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205174
Predicted MW:	27.1 kDa
Protein Sequence:	>RC205174 protein sequence Red=Cloning site Green=Tags(s) MAARTGHTALRRVVSIGCRPKSAT AAGA QAPVRNGRYL ASCGILMSRTLPLHTSILPKEICARTFFKITAP L INKRKEYSERRILGYSMQEMYDVVSGVEDYKHFVPWCKKSDVISKRSYGCKTRLEIGFPPVLERYSV TLVKPHLVKASCTDGRLEFNHLETIWRFSPLPGYPRTCTLDFSISFEFRSLLHSQATLFFDEVVKQMV AFERRACKLYGPETNIPREMLHEVHHT TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079423
RefSeq Size:	1989
RefSeq ORF:	714
Locus ID:	80219
UniProt ID:	Q9H8M1
Cytogenetics:	2q33.1



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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]).