

Product datasheet for PH319625

COX8C (NM_182971) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COX8C MS Standard C13 and N15-labeled recombinant protein (NP_892016)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219625
Predicted MW:	8.1 kDa
Protein Sequence:	>RC219625 protein sequence Red=Cloning site Green=Tags(s) MPLLGRGRCPARRHYRRLALLGLQPAPRF AHS GPPRQRPLSAAEMAVGLVVF TTTFLTPAAYVLGNL KQFR RN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_892016
RefSeq Size:	531
RefSeq ORF:	216
Synonyms:	COX8-3
Locus ID:	341947
UniProt ID:	Q7Z4L0
Cytogenetics:	14q32.12



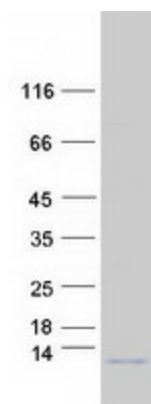
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Summary: This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Protein Pathways: Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:



Coomassie blue staining of purified COX8C protein (Cat# [TP319625]). The protein was produced from HEK293T cells transfected with COX8C cDNA clone (Cat# [RC219625]) using MegaTran 2.0 (Cat# [TT210002]).