

Product datasheet for PH310770

COX19 (NM_001031617) Human Mass Spec Standard

Product data:

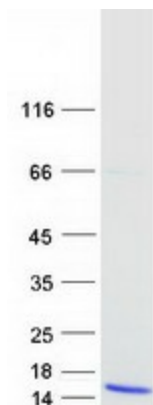
Product Type:	Mass Spec Standards
Description:	COX19 MS Standard C13 and N15-labeled recombinant protein (NP_001026788)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210770
Predicted MW:	10.4 kDa
Protein Sequence:	>RC210770 protein sequence Red=Cloning site Green=Tags(s) MSTAMNFGTKSFQPRPPDKGSFPLDHLGECKSFKEKFMKCLHNNNFENALCRKESKEYLECRMERKMLMQ EPLEKLGFGDLTSGKSEAKK 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_001026788
RefSeq Size:	4896
RefSeq ORF:	270
Locus ID:	90639
UniProt ID:	Q49B96
Cytogenetics:	7p22.3



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Summary:

COX19 encodes a cytochrome c oxidase (COX)-assembly protein. The *S. cerevisiae* Cox19 protein may play a role in metal transport to the mitochondrial intermembrane space and assembly of complex IV of the mitochondrial respiratory chain (Sacconi et al., 2005 [PubMed 16212937]).[supplied by OMIM, Mar 2008]

Product images:

Coomassie blue staining of purified COX19 protein (Cat# [TP310770]). The protein was produced from HEK293T cells transfected with COX19 cDNA clone (Cat# [RC210770]) using MegaTran 2.0 (Cat# [TT210002]).