

## Product datasheet for **TP310770M**

### COX19 (NM\_001031617) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human COX19 cytochrome c oxidase assembly homolog ( <i>S. cerevisiae</i> ) (COX19), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210770 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSTAMNFGTKSFQPRPPDKGSFPLDHLGECCKSFKEKFMKCLHNNNFENALCRKESKEYLECRMERKMLMQ EPLEKLGFGDLTSGKSEAKK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	10.2 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:	<a href="#">NP_001026788</a>
Locus ID:	90639
UniProt ID:	<a href="#">Q49B96</a>
RefSeq Size:	4896



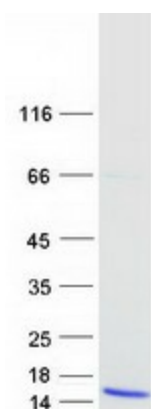
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Cytogenetics: 7p22.3

RefSeq ORF: 270

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]).