

## Product datasheet for TP317381L

### FAM36A (COX2) (NM\_198076) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 36, member A (FAM36A), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217381 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAAPPEPGEPEERKSLKLLGFLDVENTPCARHSILYGSLGSVVAGFGHFLFTSRIRRS CDVGVGGFILVT LGCWFHCRYNYAKQRIQERIAREEIKKILYEGTHLDPERKHNGSSSN
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.1 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_932342</a>
Locus ID:	116228
UniProt ID:	<a href="#">Q5RI15</a> , <a href="#">B3KM21</a>
RefSeq Size:	2632
Cytogenetics:	1q44



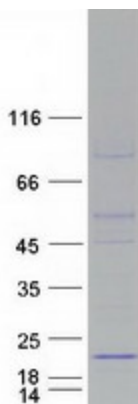
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RefSeq ORF: 354

Synonyms: FAM36A; MC4DN11

**Summary:** This gene encodes a protein that plays a role in the assembly of cytochrome C oxidase, an important component of the respiratory pathway. It contains two transmembrane helices and localizes to the mitochondrial membrane. Mutations in this gene can cause mitochondrial complex IV deficiency, which results in ataxia and muscle hypotonia. There are multiple pseudogenes for this gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]

### Product images:



Coomassie blue staining of purified COX20 protein (Cat# [TP317381]). The protein was produced from HEK293T cells transfected with COX20 cDNA clone (Cat# [RC217381]) using MegaTran 2.0 (Cat# [TT210002]).