

Recombinant Human COX20 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COX20-570H **Lot. No.** (See product label)

SPECIFICATION

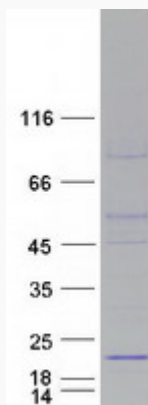
Product Overview	FAM36A MS Standard C13 and N15-labeled recombinant protein (NP_932342) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that plays a role in the assembly of cytochrome C oxidase, an important component of 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.
Molecular Mass	13.3 kDa
AA Sequence	MAAPPEPGEPEERKSLKLLGFLDVENTPCARHSILYGSLGSVVAGFGHFLFTSRIRR SCDVGVGGFILVTLGCWFHCRYNYAKQRIQERIAREEIKKKILYEGTHLDPERKHNG SSSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	COX20 cytochrome c oxidase assembly factor COX20 [Homo sapiens (human)]
Official Symbol	COX20
Synonyms	COX20; cytochrome c oxidase assembly factor COX20; FAM36A; MC4DN11; cytochrome c oxidase assembly protein COX20, mitochondrial; COX20 Cox2 chaperone homolog; COX20, cytochrome c oxidase assembly factor; cytochrome c oxidase protein 20 homolog; family with sequence similarity 36, member A
Gene ID	116228
mRNA Refseq	NM_198076
Protein Refseq	NP_932342
MIM	614698
UniProt ID	Q5RI15

SDS-PAGE

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