

Recombinant Human TMCO1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMCO1-3068H **Lot. No.** (See product label)

SPECIFICATION

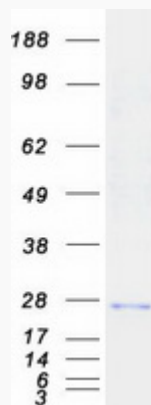
Product Overview	TMCO1 MS Standard C13 and N15-labeled recombinant protein (NP_061899) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This locus encodes a transmembrane protein. Mutations at this locus have been associated with craniofacial dysmorphism, skeletal anomalies, and cognitive disability. Mutations at this locus have also been associated with open angle glaucoma blindness. Alternatively spliced transcript variants have been described.
Molecular Mass	21.2 kDa
AA Sequence	MSTMFADTLLIVFISVCTALLAEGITWVLVYRTDKYKRLKAEVEKQSKKLEKKKETITE SAGRQQKKKIERQEEKLKNNNRDLMSVRMKSMFAIGFCFTALMGMFNSIFDGRVVA KLPFTPLSYIQGLSHRNLLGDDTTDCSFIFLYILCTMSIRQNIQKILGLAPSRAATKQAG GFLGPPPPSGKFSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	TMCO1 transmembrane and coiled-coil domains 1 [Homo sapiens (human)]
Official Symbol	TMCO1
Synonyms	TMCO1; transmembrane and coiled-coil domains 1; PCIA3; TMCC4; HP10122; PNAS-136; calcium load-activated calcium channel; CLAC channel; Ca(2+) load-activated Ca(2+) channel; putative membrane protein; transmembrane and coiled-coil domain-containing protein 1; transmembrane and coiled-coil domains 4; xenogeneic cross-immune protein PCIA3
Gene ID	54499
mRNA Refseq	NM_019026
Protein Refseq	NP_061899
MIM	614123
UniProt ID	Q9UM00

SDS-PAGE

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