

Recombinant Human TMEM70 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMEM70-5761H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMEM70 MS Standard C13 and N15-labeled recombinant protein (NP_060336) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene likely encodes a mitochondrial membrane protein. The encoded protein may play a role in biogenesis of mitochondrial ATP synthase. Mutations in this gene have been associated with neonatal mitochondrial encephalocardiomyopathy due to ATP synthase deficiency. Alternatively spliced transcript variants have been described.
Molecular Mass	29 kDa
AA Sequence	MLFLALGSPWAVELPLCGRRALCAAAALRGPRASVSRASSSSGPSGPVAGWSTG PSGAARLLRRPGRAQIPVYWEGYVRFLNTPSDKSEDGRLIYTGNMARAVFGVKCFS YSTSLIGLTLFPIYFTQNNAISESVPPIQIIFYGIMGSTFTVITPVLLHFITKGYVIRLYHEA TTDTYKAITYNAMLAEETSTVFHQNDVKIPDAKHVFTTFYAKTKSLLVNPVLPNREDYI HLMGYDKEEFILYMEETSEEKRHKDDKTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
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	TMEM70 transmembrane protein 70 [Homo sapiens (human)]
Official Symbol	TMEM70
Synonyms	TMEM70; transmembrane protein 70; MC5DN2; transmembrane protein 70, mitochondrial
Gene ID	54968
mRNA Refseq	NM_017866
Protein Refseq	NP_060336
MIM	612418
UniProt ID	Q9BUB7

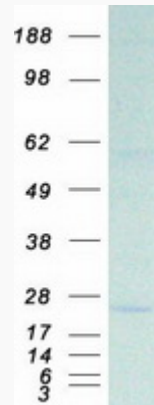
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SDS-PAGE



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