Recombinant Full Length Human TMEM102 Protein, C-Flag-tagged

Cat. No. TMEM102-1773HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TMEM102 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Involved in regulation of mitochondrial outer membrane permeabilization involved in apoptotic signaling pathway; response to cytokine; and signal transduction. Acts upstream of or within positive regulation of T cell migration and positive regulation of cell adhesion. Located in cell surface. Part of protein-containing complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54 kDa
AA Sequence	MASAVWGSAPWWGPPPPAPARPLTDIDFCSGAQLQELTQLIQELGVQESWSDGPK PGADLLRAKDFVFSL LGLVHRRDPRFPPQAELLLLRGGIREGSLDLGHAPLGPYAR GPHYDAGFTLLVPMFSLDGTELQLDLESC YAQVCLPEMVCGTPIREMWQDCLGPP VPGARDSIHRTESEESSKDWQSSVDQPHSYVTEHEAPVSLEKSP SDVSASESPQH DVVDLGSTAPLKTMSSDVTKAAVESPVPKPSEAREAWPTLCSAQVAAWFFATLAAV AES LIPVPGAPRLVHAARHAGFTTVLLATPEPPRRLLLFDLIPVVSVAGWPEGARSH SWAGPLASESASFYLV PGGGTERPCASAWQLCFARQELALKARIPAPLLQAHAAA QALLRPLVAGTRAAAPYLLRTLLYWACERLP ALYLARPENAGACCLGLLDELGRVLE

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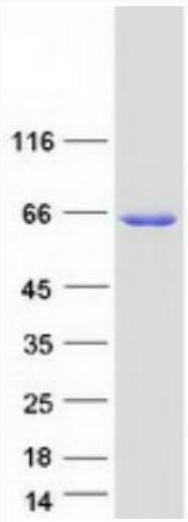
	AGTLPHYFLNGRQLRTGDDSAALLGELARLRGDPARALRAAVEE AKVARKGGGLA GVGGGAH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	TMEM102 transmembrane protein 102 [Homo sapiens (human)]
Official Symbol	TMEM102
Synonyms	CBAP
Gene ID	284114
mRNA Refseq	NM_178518.3
Protein Refseq	NP_848613.1

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MIM	613936
UniProt ID	Q8N9M5



Coomassie blue staining of purified TMEM102 protein.

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