Recombinant Human TMEM5 protein, His-tagged

Cat. No. TMEM5-445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMEM5 protein(NP_055069)(96-425 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	96-425 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	TDLSVQIWGKAAIGLYLWEHIFEGLLDPSDVTAQWREGKSIVGRTQYSFITGPAVIPG YFSVDVNNVVLILNGREKAKIFYATQWLLYAQNLVQIQKLQHLAVVLLGNEHCDNEWI NPFLKRNGGFVELLFIIYDSPWINDVDVFQWPLGVATYRNFPVVEASWSMLHDERP YLCNFLGTIYENSSRQALMNILKKDGNDKLCWVSAREHWQPQETNESLKNYQDALL QSDLTLCPVGVNTECYRIYEACSYGSIPVVEDVMTAGNCGNTSVHHGAPLQLLKSM GAPFIFIKNWKELPAVLEKEKTIILQEKIERRKMLLQWYQHFKTEL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	TMEM5 transmembrane protein 5 [Homo sapiens]
Official Symbol	TMEM5
Synonyms	TMEM5; transmembrane protein 5; HP10481; putative type II membrane protein;
Gene ID	10329
mRNA Refseq	NM_014254
Protein Refseq	NP_055069
MIM	605862
UniProt ID	Q9Y2B1

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