

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	<p>TDLSVQIWGKAAIGLYLWEHIFEGLLDPSDVTAQWREGKSIVGRTQYSFITGPAVIPG YFSVDVNNVLLILNGREKAKIFYATQWLLYAQNLVQIQKLQHLAVVLLGNEHCDNEWI NPFLKRNGGFVELLFIYDSPWINDVDVFQWPLGVATYRNFPVVEASWSMLHDERP YLCNFLGTIYENSSRQALMNILKKGNDKLCWVSAREHWQPQETNESLKNYQDALL QSDLTLCPVGVNTECYRIYEACSYGSIPVVEDVMTAGNCGNTSVHHGAPLQLLKSM GAPFIFIKNWKELPAVLEKEKTIILQEKIERRKMLLQWYQHFKTEL</p>
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>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</p>

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cycles.

Reconstitution

Reconstitute at 0.25 g/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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