

Recombinant Human TMC8 protein, His-tagged

Cat. No. TMC8-3749H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMC8 protein(617-726 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	617-726 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	QTQANARAIHRLRKQLVWQVQEKWHLVEDLSRLLPEPGPSDSPGPKYPASQASRP QSFCPGCPCPGSPGHQAPRPGPSVVDAAGLRSPCPGQHGAPASARRFRFPGAE L
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	TMC8 transmembrane channel-like 8 [Homo sapiens]
Official Symbol	TMC8
Synonyms	TMC8; transmembrane channel-like 8; epidermodysplasia verruciformis 2 , EVER2; transmembrane channel-like protein 8; EVIN2; epidermodysplasia verruciformis 2; epidermodysplasia verruciformis protein 2; EV2; EVER2; FLJ40668; FLJ43684; MGC40121; MGC102701;
Gene ID	147138
mRNA Refseq	NM_152468
Protein Refseq	NP_689681
MIM	605829
UniProt ID	Q8IU68

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SDS-PAGE

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