

Recombinant Human TMC2 protein, GST-tagged

Cat. No. TMC2-301391H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMC2 (805-906 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met805-His906
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MSVKGKATARDESDTPKSSSKNATQLQLTKEETPPSASQSQAMDKKAQGPSTN SASRTTLPASGHLPISRPPGIGPDSGHAPSQTHPWRSASGKSAQRPPH
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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 cycles.

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GENE INFORMATION

Gene Name	TMC2 transmembrane channel-like 2 [Homo sapiens]
Official Symbol	TMC2
Synonyms	TMC2; transmembrane channel-like 2; C20orf145, transmembrane, cochlear expressed, 2; transmembrane channel-like protein 2; dJ686C3.3; transmembrane, cochlear expressed, 2; transmembrane cochlear-expressed protein 2; C20orf145;
Gene ID	117532
mRNA Refseq	NM_080751
Protein Refseq	NP_542789
MIM	606707
UniProt ID	Q8TDI7

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