

Recombinant Human TMIE protein, GST-tagged

Cat. No. TMIE-2111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMIE protein(79-156 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	79-156 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 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	NCRVPRTRKEIEARYLQRKAAKMYTDKLETVPPLNELTEVPGEDKKKKKKKKDSVDT VAIKVEEDEKNEAKKKKGEK
Purity	85%, by SDS-PAGE.
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	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

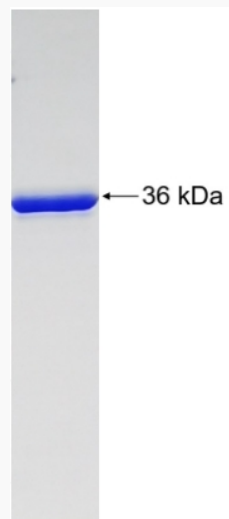
GENE INFORMATION

Gene Name	TMIE transmembrane inner ear [Homo sapiens]
Official Symbol	TMIE
Synonyms	TMIE; transmembrane inner ear; deafness, autosomal recessive 6 , DFNB6; transmembrane inner ear expressed protein; transmembrane inner ear protein; DFNB6;
mRNA Refseq	NM_147196
Protein Refseq	NP_671729
MIM	607237
UniProt ID	Q8NEW7
Gene ID	259236

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SDS-PAGE

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