

Recombinant Human TMIE Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMIE-4586H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMIE MS Standard C13 and N15-labeled recombinant protein (NP_671729) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a transmembrane inner ear protein. Studies in mouse suggest that this gene is required for normal postnatal maturation of sensory hair cells in the cochlea, including correct development of stereocilia bundles. This gene is one of multiple genes responsible for recessive non-syndromic deafness (DFNB), also known as autosomal recessive nonsyndromic hearing loss (ARNSHL), the most common form of congenitally acquired inherited hearing impairment.
Molecular Mass	17.1 kDa
AA Sequence	MAGWPGAGPLCVLGGAALGVCLAGVAGQLVEPSTAPPKPKPPPLTKETVVFWDNR LWHVVGIFSLFVLSIIITLCCVFNCRVPRTRKEIEARYLQRKAAKMYTDKLETVPPLNE LTEVPGEDKKKKKKKKDSVDTVAIKVEEDEKNEAKKKKGKTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TMIE transmembrane inner ear [Homo sapiens (human)]

Official Symbol TMIE

Synonyms TMIE; transmembrane inner ear; deafness, autosomal recessive 6, DFNB6; transmembrane inner ear expressed protein; transmembrane inner ear protein; DFNB6;

Gene ID 259236

mRNA Refseq NM_147196

Protein Refseq NP_671729

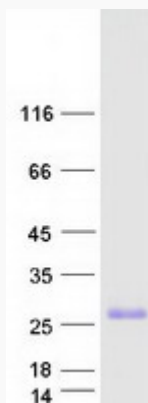
MIM 607237

UniProt ID Q8NEW7

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SDS-PAGE

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