

Recombinant Human TPM4, His tagged

Cat. No. TPM4-373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPM4 (P67936) (Ala2-Ile248), fused with an N-terminal polyhistidine tag, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	2-248 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human TPM4 comprises 267 amino acids and has a predicted molecular mass of 30.8 kDa. The apparent molecular mass of the protein is approximately 35-40 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TPM4 tropomyosin 4 [Homo sapiens]

Official Symbol TPM4

Gene ID 7171

mRNA Refseq NM_001145160

Protein Refseq NP_001138632

MIM 600317

UniProt ID P67936

Chromosome Location 19p13.1

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