

Recombinant Human TPM4 protein, GST-tagged

Cat. No. TPM4-3371H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPM4 protein(1-248 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-248 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	MAGLNSLEAVKRKIQALQQQADEAEDRAQGLQRELDGERERREKAEGDVAALNRRIL QLVEEELDRAQERLATALQKLEEAEKAADESERGMKVIENRAMKDEEKMEIQEMQL KEAKHIAEEADRKYEEVARKLVILEGELERAEEAEVSELKCGDLEEEELKNVTNNLKS LEAASEKYSEKEDKYEEEEIKLLSDKLKEAETRAEFAERTVAKLEKTIDDLEEKLAQAK EENVGLHQTLTDQTLNELNCI
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

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repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. 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
Synonyms	TPM4; tropomyosin 4; tropomyosin alpha-4 chain; TM30p1; tropomyosin-4;
mRNA Refseq	NM_001145160
Protein Refseq	NP_001138632
MIM	600317
UniProt ID	P67936
Gene ID	7171

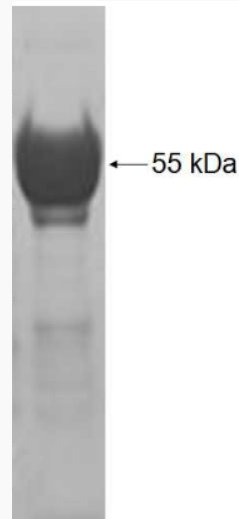
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SDS-PAGE



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