Recombinant Full Length Human TPM3 protein, His-tagged

Cat. No. TPM3-3040H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPM3 protein(1-285 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-285 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MMEAIKKKMQMLKLDKENALDRAEQAEAEQKQAEERSKQLEDELAAMQKKLKGTE DELDKYSEALKDAQEKLELAEKKAADAEAEVASLNRRIQLVEEELDRAQERLATALQ KLEEAEKAADESERGMKVIENRALKDEEKMELQEIQLKEAKHIAEEADRKYEEVARK LVIIEGDLERTEERAELAESKCSELEEELKNVTNNLKSLEAQAEKYSQKEDKYEEEIKI LTDKLKEAETRAEFAERSVAKLEKTIDDLEDELYAQKLKYKAISEELDHALNDMTSI
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	TPM3 tropomyosin 3 [Homo sapiens]
Official Symbol	TPM3
Synonyms	TPM3; tropomyosin 3; NEM1; tropomyosin alpha-3 chain; TRK; tropomyosin-3; tropomyosin-5; gamma-tropomyosin; tropomyosin gamma; cytoskeletal tropomyosin TM30; heat-stable cytoskeletal protein 30 kDa; TM3; TM5; CFTD; TM-5; TM30; hTM5; TM30nm; TPMsk3; hscp30; OK/SW-cl.5; MGC3261; FLJ41118; MGC14582; MGC72094;
Gene ID	7170
mRNA Refseq	NM_001043351
Protein Refseq	NP_001036816
MIM	191030
UniProt ID	P06753

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