

Recombinant Human TPM3 Protein (M2-I285), Tag Free

Cat. No. TPM3-0146H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-TPM3(M2-I285 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M2-I285
Description	Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [TPM3 tropomyosin 3 \[Homo sapiens \(human\) \]](#)

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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