

Tropomyosin-3 Recombinant Protein | TPM3 recombinant protein

Recombinant Human Tropomyosin-3

CATALOG #
AAA38926

HOST
E Coli

PRODUCT SYNONYMS

Tropomyosin-3; Recombinant Human Tropomyosin-3; TPM3 Human; Tropomyosin-3 Human Recombinant; Tropomyosin alpha-3 chain; Gamma-tropomyosin; Tropomyosin-5; hTM5; TPM3; TM3; TM5; TRK; CFTD; NEM1; TM-5; TM30; TM30nm; TPMsk3; hscp30; OK/SW-cl.5; TPM3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	TPM3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol, 0.1M NaCl.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSHMAGITTIEA VKRKIQVLQQ QADDAEERAE RLQREVEGER RAREQAEAEV ASLNRIQLV EEELDRAQER LATALQKLEE AEKAADESER GMKVNIENRAL KDEEKMELQE IQLKEAKHIA EEADRYEEV ARKLVIIEGD LERTEERAEL AESRCRE&nb sp;MDEQIRL MDQNLKCLSA AEEKYSQKED KYEEEIKILT DKLKEAETRA EFAERSVAKL EKTIDDLK LKCTKEEHLCTQRLDQTLL DLNEM
Sequence Length	248
Physical Appearance	Sterile Filtered clear solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TPM3 recombinant protein	TPM3 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 272 amino acids (1-248 a.a.) and having a molecular mass of 31.6kDa. TPM3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for TPM3 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Tropomyosin

NCBI AND UNIPROT INFORMATION

NCBI GI #	114155144
NCBI GeneID	7170
NCBI Accession #	NP_001036816.1
NCBI GenBank Nucleotide #	NM_001043351.1
UniProt Accession #	P06753; P12324; Q2QD06; Q5VU58; Q5VU63; Q5VU66; Q5VU71; Q5VU72; Q8TCG3; Q969Q2; Q9NQH8; D3DV71
NCBI Official Full Name	tropomyosin alpha-3 chain isoform Tpm3.2cy
NCBI Official Synonym Full Names	tropomyosin 3
NCBI Official Symbol	TPM3

NCBI Official Synonym Symbols	TM3; TM5; TRK; CFTD; NEM1; TM-5; TM30; CAPM1; TM30nm; TPMsk3; hscp30; HEL-189; HEL-S-82p; OK/SW-cl.5
NCBI Protein Information	tropomyosin alpha-3 chain; alpha-tropomyosin, slow skeletal; cytoskeletal tropomyosin TM30; epididymis luminal protein 189; epididymis secretory sperm binding protein Li 82p; heat-stable cytoskeletal protein 30 kDa; tropomyosin gamma; tropomyosin-5
UniProt Protein Name	Tropomyosin alpha-3 chain
UniProt Gene Name	TPM3
UniProt Synonym Gene Names	hTM5
UniProt Entry Name	TPM3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tpm3-recombinant-protein-e-coli/38926>