

Human TPM1 Recombinant Protein



RPPB4989

Product Information Protein Information

Product SKU:

RPPB4989

Accession:

P09493

Host:

Escherichia Coli.

Protein description:

TPM1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 304 amino acids (1-284 a.a.) and having a total molecular mass of 35kDa (Molecular weight on SDS-PAGE will appear higher). TPM1 is fused to a 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Tropomyosin alpha-1 chain, Tropomyosin-1, Alpha-tropomyosin, TPM1, C15orf13, TMSA, CMD1Y, HTM-alpha.

Formulation:

TPM1 0.5mg/ml protein solution contains 20mM Tris-HCl buffer pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MDAIKKMQM LKLDKENALD RAEQAEADKK AAEDRSKQLE DELVSLQKKL
KGTEDLDKY SEALKDAQEKLELAEKKATD AEADVASLNR RIQLVEEELD RAQERLATAL QKLEEAEKAA
DESERGMKVI ESRAQKDEEK MEIQEIQKE AKHIAEDADRKYEEVARKLV IIESDLERAE ERAELSEGQV
RQLEEQLRIM DQTLKALMAA EDKYSQKEDR YEEIKVLSL KLKEAETRAE FAERSVTKLEKSIDDLEDEL
YAQKLKYKAI SEELDHALND MTSM.