

Human TPM2 Recombinant Protein



RPPB4990

Product Information Protein Information

Product SKU:

RPPB4990

Accession:

P07951

Host:

Escherichia Coli.

Protein description:

TPM2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 304 amino acids (1-284a.a.) and having a molecular mass of 35.1kDa(molecular weight on SDS-PAGE will appear higher).TPM2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Tropomyosin 2 (beta), DA1, TMSB, DA2B, AMCD1, NEM4, Arthrogryposis Multiplex Congenital Distal-Type 1, beta-Tropomyosin.

Formulation:

The TPM2 protein solution (0.5mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 1mM DTT, 100mM NaCl and 30% glycerol.

Purity:

Greater than 90% 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 MDAIKKKMQM LKLDKENAID RAEQAEADKK QAEDRCKQLE EEQQALQKKL
KGTEDVEKEY SESVKEAQEK LEQAEKKATD AEADVASLNR RIQLVEEELD RAQERLATAL QKLEEAEKAA
DESERGMKVI ENRAMKDEEK MELQEMQLKE AKHIAEDSDR KYEEVARKLV ILEGELERSE ERAEVAESRA
RQLEELRTM DQALKSLMAS EEEYSTKEDK YEEIKLLEE KLKEAETRAE FAERSVAKLE KTIDDLLEETL
ASAKEENVEI HQTLDQTLLE LNNL.