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Datasheet for ABIN667651

TPM3 Protein (AA 1-248) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	TPM3
Protein Characteristics:	AA 1-248
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPM3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	TPM3, 1-248aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	TPM3
Alternative Name:	TPM3 (TPM3 Products)
Background:	Tropomyosin alpha-3 chain, also known as TPM3, is member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. Mutations in this gene result

Target Details

in autosomal dominant nemaline myopathy, and oncogenes formed by chromosomal translocations involving this locus are associated with cancer. Recombinant human TPM3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Tropomyosin alpha-3 chain, hscp30, NEM1, OK/SW-cl.5, TM-5, TM3, TM30 TM30nm, TPMsk, TRK. NCBI no.: NP_705935

Molecular Weight: 31.6 kDa (272aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

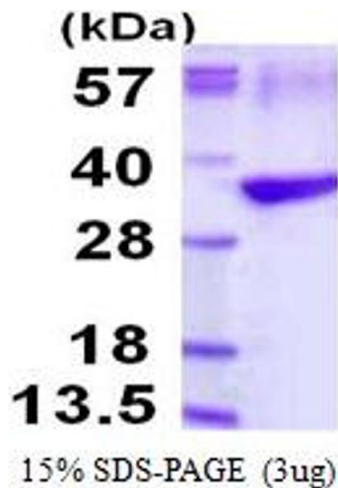
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.