
Tropomyosin

Human, Recombinant, *E. coli*

Cat.No.: RCP9350

Size: 10µg

Synonym: TPM-1; Skeletal Muscle Alpha; TMSA; Fibroblast isoform TM2; HTM – alpha; TMP1 alpha; TPM – kappa.

Description: The tropomyosin family consists of a number of highly conserved, widely distributed 35-45 kDa actin-binding proteins that are involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. In smooth muscle and non-muscle cells, alternatively spliced transcript variants encoding a range of isoforms have been described.

RANDOX recombinant tropomyosin-1 comprises a 284 amino acid fragment corresponding to the mature full length variant 3 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Svhevzov G. *et al.*, (2005) J. Histochem. Cytochem. **52**
(5) : 557-570.