

Tropomyosin alpha-4 chain

Catalog No: #AP78750



Package Size: #AP78750-1 50ug #AP78750-2 100ug #AP78750-3 1mg

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Description

Product Name	Tropomyosin alpha-4 chain
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	2-248AA
Other Names	TM30p1, Tropomyosin-4
Accession No.	P67936 Gene name: TPM4
Uniprot	P67936
GeneID	7171;
Calculated MW	27.17
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments. Binds calcium.

References

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Note: This product is for in vitro research use only