

Troponin C, slow skeletal and cardiac muscles

Catalog No: #AP79091

Package Size: #AP79091-1 50ug #AP79091-2 100ug #AP79091-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Troponin C, slow skeletal and cardiac muscles
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	1-161aa
Other Names	TNNC
Accession No.	P63316Gene name:TNNC1
Uniprot	P63316
GeneID	7134;
Calculated MW	17.71
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
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

Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.

References

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Note: This product is for in vitro research use only