

Product datasheet for **AR09213PU-N**

Skeletal muscle Troponin C (1-160) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Skeletal muscle Troponin C (1-160) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MTDQQAEARS YLSEEMIAEF KAAFDMFDAD GGGDISVKEL GTVMRMLGQT PTKEELDAII EEVDDEDGSGT IDFEFLVMM VRQMKEDAKG KSEEELAE CF RIFDRNADGY IDPEELAEIF RASGEHVTDE EIESLMKDGD KNNDGRIDFD EFLKMMEGVQ
Predicted MW:	18.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 100 mM NaCl, 10% glycerol
Protein Description:	Recombinant human Troponin C was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_003270
Locus ID:	7125
UniProt ID:	P02585
Cytogenetics:	20q13.12
Synonyms:	CFAP85; FAP85
Summary:	Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on actin filaments. The protein encoded by this gene is the Tn-C subunit. [provided by RefSeq, Jul 2008]



[View online »](#)

Protein Pathways: Calcium signaling pathway

Product images:

