

Recombinant Rabbit Skeletal Muscle Troponin-C

Catalog No.	3011
Purity	≥95%
Analysis	SDS PAGE: ~17 kDa band
Form	Liquid
Concentration	5 – 20 mg/ml (varies with batch). Determined from absorbance at 280 nm assuming Abs 0.1% = 0.1647
Buffer	10 mM sodium phosphate, 150 mM NaCl, 0.1% NaN ₃ , pH 7.2
Storage	-20°C or lower Avoid repeated freeze-thaws
Source	E coli

Troponin-C is one of three subunits that form the troponin complex of the thin filaments of striated muscle. Recombinant rabbit skeletal protein is expressed in E coli without a fusion tag. It is purified at Life Diagnostics using calcium-dependent affinity chromatography under gentle, non-denaturing conditions. Rabbit skeletal muscle troponin-C can be used to stabilize cardiac troponin-I, allowing the latter to be used as control/calibrator in immunoassays.