



Chicken Skeletal muscle troponin I (DAG3041)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Chicken troponin I type 1
Antigen Description	Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. Highest levels observed in human skeletal muscle (e.g. gastrocnemius muscle), differ
Species	Chicken
Purity	> 95% by SDS-PAGE: Major band shown at 21-22 kD.. Minor low molecular weight TNI fragments are apparent
Conjugate	Unconjugated
Applications	immunoassay development or other applications.
Buffer	8 M urea, 100 mM NaCl, 50 mM TrisCl (pH 7.4), 15 mM beta-mercaptoethanol, 1.0 mM EDTA
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.
Keywords	2700018B22Rik; AI747285; DKFZp451O223; si:dz182n13.3; slow skeletal muscle; slow-twitch isoform; SSTNI; TNN1; Tnni1; TNNI1; Troponin I; Troponin I slow skeletal muscle; troponin I type 1 (skeletal, slow); Troponin I, slow isoform; Troponin I, slow twitch