



Recombinant Human cTnC [His] (DAG-WT612)

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

PRODUCT INFORMATION

Species	Human
Purity	> 85 % as determined by SDS-PAGE
Conjugate	His
Applications	Immunogen, Control
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Short Term 2-8°C, long term: -20°C

BACKGROUND

Introduction	<p>Troponin C is a protein which is part of the troponin complex. It contains four calcium-binding EF hands, although different isoforms may have fewer than four functional calcium-binding subdomains. It is a component of thin filaments, along with actin and tropomyosin. It contains an N lobe and a C lobe. The C lobe serves a structural purpose and binds to the N domain of troponin I (TnI). The C lobe can bind either Ca²⁺ or Mg²⁺. The N lobe, which binds only Ca²⁺, is the regulatory lobe and binds to the C domain of troponin I after calcium binding.</p>
Keywords	cTnC; Troponin C; Cardiac