

# Human Cardiac Troponin I protein

**Cat. No. GTX05105-pro**

**Species** Human

**Package**  
100 µg

## Applications

### Application Note

Recommended antibody pairs for Sandwich ELISA:  
Capture : GTX10231 / GTX28289, Detection : GTX38804

**Observed MW (kDa)** 24 kDa.

## Properties

**Form** Lyophilized powder

**Buffer** Reconstitute with Tris/urea buffer (20 mM Tris, pH 7.5, 7 M urea, 5 mM EDTA, 15 mM 2-mercaptoethanol) to 1 mg/mL. Lyophilized from 0.01 M HCl.

**Preservative** No preservatives

**Storage** Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and store at -70°C or below. Avoid freeze-thaw cycles.

**Region/Sequence** Recombinant human cardiac TnI contains additional methionine residue at the N-terminus (in comparison with native protein expressed in cardiomyocytes); 201aa.

**Expression System** E. coli

**Purification** Purified by affinity chromatography followed by ion-exchange chromatography

**Purity** > 95% by SDS-PAGE

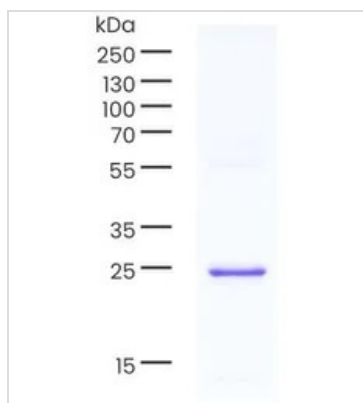
**Conjugation** Unconjugated

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## DATA IMAGES



### GTx05105-pro Image

SDS-PAGE of 1  $\mu$ g GTx05105-pro Human Cardiac Troponin I protein in 10-20% SDS-PAGE under reducing conditions.



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