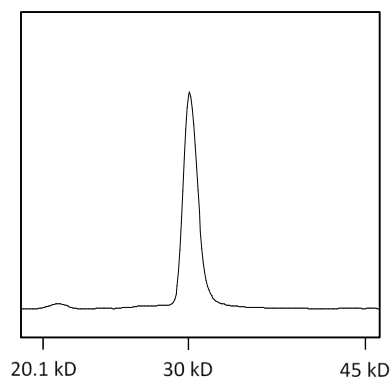


## Product specifications

<b>Name</b>	Recombinant cTnI antigen, 100 µg
<b>Description</b>	Recombinant human cardiac troponin I antigen with a C-terminal histidine tag. Predicted molecular weight: 26 kDa
<b>Amino acid sequence</b>	MADGSSDAAREPRPAPAPIRRRSSNYRAYATEPHAKKKSKISASRKLQLKTLKLLQIAKQE LEREAEERRGEGKRALSTRCQPLELAGLGFELQDLRQLHARVDKVEERYDIEAKVTK NITEIADLTQKIFDLRGKFKRPTLRRVRISADAMMQALLGARAKESLDLRAHLKQVKKED MEKENREVDWRKNIDALSGMEGRKKKFESESSGGGSLEHHHHHHHH
<b>Product host</b>	<i>Escherichia coli (E. coli)</i>
<b>Product code</b>	610102
<b>Product formulation</b>	Lyophilized
<b>Product buffer solution</b>	50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 8 M urea; containing 3 % sucrose, 2 % D-mannitol, and 0.01 % Tween 20 as stabilizers
<b>Reconstitution</b>	Reconstitute the lyophilized protein with 200 µl of deionized water
<b>Shelf life and storage</b>	Unspecified, storage at 2–8 °C
<b>Analyte description</b>	Troponins form a complex of three regulatory proteins (troponin C, I and T) that are integral to muscle contraction in skeletal and cardiac muscles. Serum cardiac troponin tests can be used to help diagnose several different heart disorders, especially myocardial infarction.
<b>Product concentration</b>	0.5 mg/ml when reconstituted with 200 µl of deionized water
<b>Purity</b>	Capillary electrophoresis (CE-SDS)



<b>Reactivity with MedixMABs</b>	Anti-h cTnI 9701: + Anti-h cTnI 9703: + Anti-h cTnI 9705: + Anti-h cTnI 9707: + Anti-h cTnI 9708: + Anti-h cTnI 9709: +
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