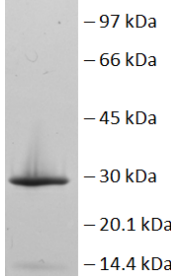


PRODUCT SPECIFICATIONS

Name	Recombinant cTnI antigen, 100 µg	
Description	Recombinant human cardiac troponin I antigen with a C-terminal histidine tag. Predicted molecular weight: 26 kDa.	
Amino acid sequence	MADGSSDAAREPRPAPAPIRRSSNYRAYATEPHAKKKSKISASRKLQLKTLTLLQIAKQE LREAEERRGEKGRALSTRCQPLELAGLGFELQDLRCQLHARVDKVDDEERYDIEAKVTK NITEIADLTQKIFDLRGKFKRPTLRRVRISADAMMQALLGARAKESLDLRAHLKQVKKED MEKENREVGDWKRNIDALSGMEGRKKKFESESSGGGSLEHHHHHHHHH	
Production host	<i>Escherichia coli</i> (<i>E. coli</i>)	
Product code	610102	
Product formulation	Lyophilized	
Product buffer	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	
Reconstitution	Reconstitute the lyophilized protein with 200 µl of deionized water	
Shelf life and storage	Unspecified, storage at 2-8 °C	
Analyte description	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.	
Product concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water	
Purity	SDS-PAGE	
Reactivity with MedixMABs	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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