

CERTIFICATE OF ANALYSIS

RECOMBINANT HUMAN PROTEIN

Recombinant Human Troponin I

Code No.	P725-3
Grade	Highly Pure
Lot No.	XXXX-20

RECEIVER INFORMATION

Expiry Date	Assign 5 years from the Date of Manufacture
Manufacture Date	
Storage Temperature	Below -15°C
Storage Notes	Avoid freeze thaw cycles
Shipping Notes	Dry ice

PRODUCT INFORMATION

Source	Recombinant from <i>Escherichia coli</i>
Nominal Purity	>96%
Presentation	Single homogenous batch, supplied liquid frozen, in 50mM Tris, 6M urea pH 8.0
Recovery	In order to meet our customer needs, it should be noted that there is normally a dispensing overage allowance and the product quantity may, therefore, be greater than expected

HEALTH AND SAFETY

Application	For research and manufacturing only
Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TEST	SPECIFICATION	RESULTS
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Determination Method

Protein concentration by
Optical Density at 280nm
using $E_{0.1\%}^{1\text{cm}} = 0.42$

>0.5 mg/ml

XX mg/ml

SDS-Polyacrylamide Gel
Electrophoresis
(Post QC testing result)

To show a major band
corresponding to Troponin I
protein at approximately
24 kDa

Pass / Fail

Western Blot
(Post QC testing result)

Positive reaction with specific
polyclonal anti-Troponin I
antibody

Pass / Fail

Bioburden

<100 CFU/ml

Pass / Fail

Physical Appearance

Clear colourless solution, frozen

Purity

Defined by Coomassie stained SDS-PAGE

Name:		Position:	
Signed:		Date:	