

CERTIFICATE OF ANALYSIS

RECOMBINANT HUMAN PROTEIN

Recombinant Human NGAL

Code No.	P722-1
Grade.	Highly Pure
Lot No.	

RECEIVER INFORMATION

Expiry Date

Manufacture Date

Storage Temperature Store Below -15°C

Shipping Notes Cool pack

PRODUCT INFORMATION

Source Expressed in *Pichia pastoris*

Nominal purity >96%

Presentation Single homogenous batch, supplied lyophilised from 0.02M NH₄HCO₃.

May contain traces of buffer salts.

Reconstitution Advice Use of a pH neutral buffer is recommended.

To ensure full product recovery, it is advised that reconstitution is performed directly into supplied vial incorporating further washings with the reconstitution buffer.

Recovery In order to meet our customer needs, it should be noted that there is normally a dispensing overage allowance and the product recovery 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

TESTS	SPECIFICATIONS	RESULTS
<u>Determination Method</u>		
Protein concentration by BCA of dispensing solution	≥ 1.0 mg/ml	mg/ml
SDS- Polyacrylamide Gel Electrophoresis	To show bands corresponding to NGAL molecular weight of 20-21kDa	Pass/Fail
Western Blot	Positive reaction with specific polyclonal anti-NGAL antibody	Pass/Fail
Bioburden	<100 CFU/ml	Pass/Fail
Size exclusion HPLC with detection at 280nm on post lyophilised material reconstituted to 1.0mg/ml	Report Dimer result. The Limit of Quantification is 1% (w/w)	% (w/w)

Physical appearance White, lyophilised solid.

Purity Defined by Coomassie stained SDS-PAGE.

Name:		Position:	
Signed:		Date:	