

Product Datasheet

Recombinant Human Galectin-1 Protein NBP2-34878-10ug

Unit Size: 10ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

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NBP2-34878-10ug

Recombinant Human Galectin-1 Protein

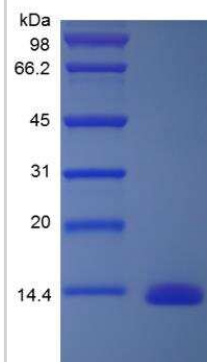
Product Information	
Unit Size	10ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	5% Trehalose
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution in PBS pH 7.0, 3mM beta-Me, 0.02% Tween 20.
Target Molecular Weight	14.6 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 134 amino acids corresponding to Galectin-1 Source: <i>E. coli</i> Uniprot ID: P09382 Amino Acid Sequence: ACGLVASNLN LKPGECLRVR GEVAPDAKSF VLNLGKDSNN LCLHFNPRFN AHGDANTIVC NSKDGGAWGT EQREAVFPFQ PGSVAEVCIT FDQANLTVKL PDGYEFKFPN RLNLEAINYM AADGDFKIKC VAFD
Gene ID	3956
Gene Symbol	LGALS1
Species	Human
Details of Functionality	Galectin 1 protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human blood monocytes is in a concentration range of 1.0-10 ng/ml.
Endotoxin Note	Less than 0.1 EU/ug of Galectin-1 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human Galectin-1 Protein [NBP2-34878]



Publications

Szodoray P, Andersen TK, Heinzelbecker J et al. Integration of T helper and BCR signals governs enhanced plasma cell differentiation of memory B cells by regulation of CD45 phosphatase activity Cell Rep 2021-08-10 [PMID: 34380042]

Details:

Citation using the Alexa Fluor 647 format of this antibody.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-34878-10ug

NBP2-23182	Recombinant Mouse Galectin-1 His Protein
DY417-05	IL-10 [Biotin]
AF1152	Galectin-1 Antibody [Unconjugated]
NBP2-22203	ERK1 Antibody (1E5) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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