

Product Datasheet

Recombinant Human IL-1ra/IL-1F3/IL1RN Protein NBP2-76285-20ug

Unit Size: 20 ug

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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-76285

Updated 10/3/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-76285



NBP2-76285-20ug**Recombinant Human IL-1ra/IL-1F3/IL1RN Protein**

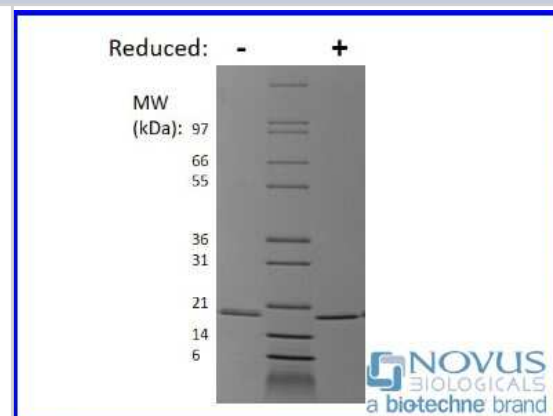
Product Information	
Unit Size	20 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Sterile water at 0.1 mg/mL
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
Target Molecular Weight	17.3 kDa

Product Description	
Description	For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80C and avoid repeat freeze thaws. Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.
Gene ID	3557
Gene Symbol	IL1RN
Species	Human
Specificity/Sensitivity	IL-1ra/IL-1F3/IL1RN is a monomer, 17.3 kDa (153 aa)
Preparation Method	Protein is derived from genetically modified E. coli.
Details of Functionality	Inhibition of human IL-1 alpha induced proliferation of D10.G4.1 cells, >2.0 x 10 ⁴ units/mg (ED50 acceptance criteria are <50 ng/mL).
Endotoxin Note	Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).

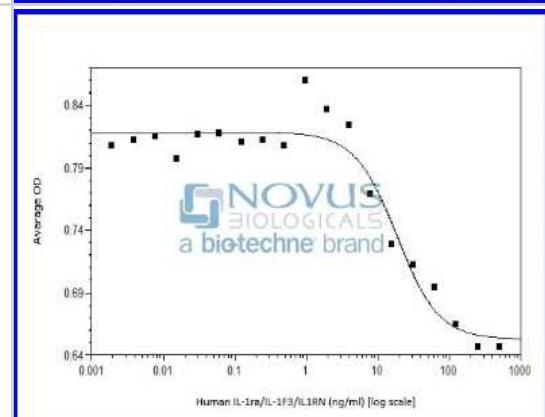
Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity
Application Notes	Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.

Images

SDS-Page: Recombinant Human IL-1ra/IL-1F3/IL1RN Protein [NBP2-76285] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Human IL-1ra/IL-1F3/IL1RN Protein [NBP2-76285] - IL-1ra/IL-1F3/IL1RN inhibition of IL-1 alpha activity on D10.G4.1 cells.





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

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-76285

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

