

Product Datasheet

Recombinant Human Activin RIA/ALK-2/Activin Receptor Type 1 Protein NBP1-46037

Unit Size: 0.025 mg

Store at -80C. Avoid freeze-thaw cycles.

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NBP1-46037

Recombinant Human Activin RIA/ALK-2/Activin Receptor Type 1 Protein

Product Information	
Unit Size	0.025 mg
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with 0.5 ml sterilized PBS. After reconstitution the buffer solution will contain 1% human serum albumin and 10% trehalose already present in the vial.

Product Description	
Description	A recombinant protein corresponding to the signal peptide and extracellular domain of human Activin RIA (amino acids 1 - 123) was fused to the Fc region of human IgG1 (amino acids 90 - 330) of ACVR1. Source: <i>modified human 293 cells</i>
Gene ID	90
Gene Symbol	ACVR1
Species	Human
Reactivity Notes	This is a Human protein
Specificity/Sensitivity	the signal peptide and extracellular domain of human Activin RIA (aa 1-123) was fused to the Fc region of human IgG1 (aa 90-330)
Preparation Method	A DNA sequence encoding the signal peptide and extracellular domain of human Activin RIA (aa 1-123) was fused to the Fc region of human IgG1 (aa 90-330). The chimeric protein was expressed in modified human 293 cells.
Notes	Purity is greater than 95%, as determined by SDS-PAGE and visualized by Coomassie Brilliant Blue.

Product Application Details	
Applications	Western Blot, Functional, SDS-Page, Block/Neutralize
Recommended Dilutions	Western Blot, Functional, SDS-Page, Block/Neutralize
Application Notes	This protein is functionally active and can be used for Blocking and Neutralizing. It can also be used for Western Blot. Activin RIA - FcB Chimera separates into a number of glycoforms with an observed pI between 5.5 and 8.5 on 2D PAGE due to post-translational modifications, in particular glycosylation. This compares with the unmodified Activin RIA - Fc Chimera that has a predicted pI of 6.8.



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.

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