

Product Datasheet

Recombinant TGF-beta 2 Protein NBP1-71645-5ug

Unit Size: 5 ug

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

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NBP1-71645-5ug

Recombinant TGF-beta 2 Protein

Product Information	
Unit Size	5 ug
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with water to a final concentration of 50 ng/ul.
Buffer	Tris HCl 0.05M buffer at pH 7.4.
Product Description	
Description	<p>A biologically reactive recombinant protein of Human TGF-beta 2.</p> <p>Source: <i>Nicotiana benthamiana</i></p> <p>Amino Acid Sequence: HHHHHHALDAAYCFRNVQDNCCLRPLYIDFKRDLGWKWIHEPKGYNANFCAG ACPYLWSSDTQHSRVLSTYNTINPEASASPCCVSQDLEPLTI LYYIGKTPKIEQLSNMIVKSKCS Molecular formula: C602 H909 N167 O171 S10 Extinction coefficient: E 0.1% 2.02 (A 280 nm) Molecular weight: recombinant human TGF-beta 2 is a 27.08 kDa protein composed of two identical 118 amino acid polypeptide chains linked by a single disulfide bond. p.I: 7.72 Purity: >97% as determined by SDS-PAGE gel. Endotoxin level: <0.04 EU/ig protein (LAL method). It is recommended to add a carrier protein (0.1% HSA or BSA).</p>
Gene ID	7042
Gene Symbol	TGFB2
Product Application Details	
Applications	Western Blot, SDS-Page, Bioactivity
Recommended Dilutions	Western Blot, SDS-Page, Bioactivity
Application Notes	<p>This antibody can be tested using SDS-Page or Western Blot. Serological Identification: The protein was electrophoresed under reducing condition on a 15% SDS-polyacrylamide gel, transferred by electroblotting to a NC membrane and visualized by immune-detection with specific antibody TGF-beta 2 (reducing conditions ~13kDa monomer and ~26kDa homodimers). Biological Activity: The biological activity of TGF-beta 2 is measured in culture by its ability to inhibit the mink lung epithelial (Mv1Lu) cells proliferation. ED50 less than 40ng/ml.</p>



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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