

Product Datasheet

Recombinant Human PDGF-BB Protein NBP2-35203-10ug

Unit Size: 10 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

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-35203

Updated 1/25/2025 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/NBP2-35203



NBP2-35203-10ug**Recombinant Human PDGF-BB Protein**

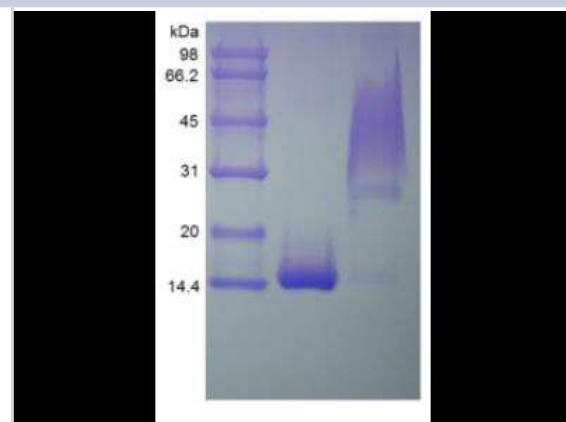
| Product Information | |
|------------------------------------|---|
| Unit Size | 10 ug |
| Concentration | Lyoph |
| Storage | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| Preservative | No Preservative |
| Reconstitution Instructions | 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 | > 97 % pure by SDS-PAGE and HPLC |
| Buffer | Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. |
| Target Molecular Weight | 24.8 kDa |

| Product Description | |
|---------------------------------|---|
| Description | <p>A disulfide-linked homodimeric protein containing two 110 amino acid polypeptide (B chain) chains corresponding to PDGF-BB Source: <i>E. coli</i></p> <p>Uniprot ID: P01127</p> <p>Amino Acid Sequence: MSLGSLTIAE PAMIAECKTR TEVFEISRRL IDRTNANFLV WPPCVEVQRC SGCCNNRNVQ CRPTQVQLRP VQVRKIEIVR KKPIFKKATV TLEDHLACKC ETVAARPVT</p> |
| Gene ID | 5155 |
| Gene Symbol | PDGFB |
| Species | Human |
| Details of Functionality | PDGFB Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 3 ng/ml, corresponding to a specific activity of > 3.3 x 10 ⁵ IU/mg. |
| Endotoxin Note | Less than 1 EU/ug of PDGF-BB as determined by LAL method. |

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

Images

SDS-Page: Human PDGF-B Protein [NBP2-35203]



Publications

Xiang D, Feng Y, Wang J et al. Platelet derived growth factor BB promotes proliferation and migration of retinal microvascular pericytes by up regulating the expression of C X C chemokine receptor types 4 Exp Ther Med 2019-09-17 [PMID: 31611940]





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 NBP2-35203-10ug

| | |
|------------------|---------------------------------|
| NBP2-35285-100ug | Recombinant Rat PDGF-BB Protein |
| 236-EG-200 | EGF [Unconjugated] |
| 220-BB-010 | PDGF-BB [Unconjugated] |
| 210-TA-005 | TNF-alpha [Unconjugated] |

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.

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/NBP2-35203

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

