

# Product Datasheet

## Recombinant Human Beta-Defensin 5 Protein NBP2-34917-5ug

Unit Size: 5ug

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](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-34917](http://www.novusbio.com/NBP2-34917)

Updated 1/25/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-34917](http://www.novusbio.com/reviews/destination/NBP2-34917)



**NBP2-34917-5ug**

Recombinant Human Beta-Defensin 5 Protein

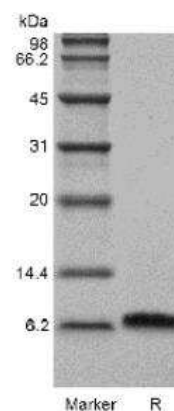
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	5.8 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 51 amino acids corresponding to Beta-Defensin 5 <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> Q8NG35  <b>Amino Acid Sequence:</b> GLDFSQPFPS GEFAVCESCK LGRGKCRKEC LENEKPDGNC RLNFLCCRQR I
Gene ID	504180
Gene Symbol	DEFB5
Species	Human
Details of Functionality	Testing in progress.
Endotoxin Note	Less than 1.0 EU/ug of Beta-Defensin 5 as determined by LAL method.

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

**Images**

SDS-Page: Recombinant Human Beta-Defensin 5 Protein [NBP2-34917]  
- SDS-PAGE with Recombinant human Beta-Defensin 5 Protein.





### **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 NBP2-34917-5ug**

---

M6000B-1	IL-6 [HRP]
MAB208-100	CXCL8/IL-8 Antibody (6217) [Unconjugated]
NBP2-24729	TLR9 Antibody (26C593.2) - BSA Free
NB100-56566	TLR4 Antibody (76B357.1) - 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-34917](http://www.novusbio.com/reviews/submit/NBP2-34917)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

