

# Product Datasheet

## Lysozyme Native Protein P5238

Unit Size: 1 g

Store at 4C. Do not freeze.

[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/P5238](http://www.novusbio.com/P5238)

Updated 10/23/2024 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/P5238](http://www.novusbio.com/reviews/destination/P5238)



**P5238****Lysozyme Native Protein****Product Information**

<b>Unit Size</b>	1 g
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute in water immediately before use.
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Target Molecular Weight</b>	14.3 kDa

**Product Description**

<b>Description</b>	<p>Lysozyme is an enzyme found in tears, saliva, and human milk. In humans, it is encoded in the LYZ gene. It is most widely identified as a non-specific defense in gram positive bacteria and in many species of fungi. Due to its antibacterial effects, it is a strong component of the innate immune system. Since it is a small, easily available, and highly stable protein containing only 129 amino acid residues, it has been subject to extensive research regarding its function and structure.</p> <p><b>Source:</b> <i>Native protein purified from Egg Whites</i></p>
<b>Gene ID</b>	4069
<b>Gene Symbol</b>	LYZ
<b>Species</b>	Chicken
<b>Preparation Method</b>	Native protein purified from Egg Whites
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

<b>Applications</b>	Bioactivity, Enzyme Activity
<b>Recommended Dilutions</b>	Bioactivity, Enzyme Activity





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to P5238**

---

NBP2-33518PEP	Lysozyme Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-61118	Lysozyme Antibody - BSA Free
AF3667	Myeloperoxidase/MPO Antibody [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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/P5238](http://www.novusbio.com/reviews/submit/P5238)

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

