

# Product Datasheet

## Recombinant Mouse CXCL12/SDF-1 alpha Protein NBP1-99866

Unit Size: 0.01 mg

Store at -20 to -80C. Avoid 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/NBP1-99866](http://www.novusbio.com/NBP1-99866)

Updated 9/5/2019 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/NBP1-99866](http://www.novusbio.com/reviews/destination/NBP1-99866)



**NBP1-99866****Recombinant Mouse CXCL12/SDF-1 alpha Protein**

<b>Product Information</b>	
<b>Unit Size</b>	0.01 mg
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Reconstitution Instructions</b>	Reconstitution in H <sub>2</sub> O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers
<b>Purity</b>	>99%, by SDS-PAGE
<b>Buffer</b>	Lyophilized from LAL water.
<b>Target Molecular Weight</b>	7.9 kDa

<b>Product Description</b>	
<b>Description</b>	<p>Recombinant bioactive protein containing 68 amino acids for Mouse CXCL12/SDF-1 alpha</p> <p><b>Source:</b> <i>E. coli</i>  <b>Amino Acid Sequence:</b> (P40224 )</p>
<b>Gene ID</b>	6387
<b>Gene Symbol</b>	CXCL12
<b>Species</b>	Mouse
<b>Preparation Method</b>	Determined to be >99% pure by SDS-PAGE
<b>Details of Functionality</b>	Determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 50-100 ng/ml.
<b>Endotoxin Note</b>	<0.1 ng/ug

<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity



### **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  
novus@novusbio.com

### **Novus Biologicals Canada**

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### **Novus Biologicals Europe**

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@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.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. 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/NBP1-99866](http://www.novusbio.com/reviews/submit/NBP1-99866)

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

