

# Product Datasheet

## Recombinant Rat XCL1/Lymphotactin Protein NBP2-61352-5ug

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.

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**NBP2-61352-5ug****Recombinant Rat XCL1/Lymphotactin Protein**

<b>Product Information</b>	
<b>Unit Size</b>	5ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	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.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Purity</b>	> 97 % pure by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
<b>Target Molecular Weight</b>	10 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 93 amino acids corresponding to XCL1/Lymphotactin <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P51672</p> <p><b>Amino Acid Sequence:</b> VGTEVLQESI CVSLRTQRLP VQKIKTYTIK EGAMRAVIFV TKRGLRICAD PQAKWVKTAI KTV DGRASAS KSKAETIPTQ AQRSASTAVT LTG</p>
<b>Gene ID</b>	6375
<b>Gene Symbol</b>	XCL1
<b>Species</b>	Rat
<b>Details of Functionality</b>	XCL1/Lymphotactin protein is fully biologically active when compared to standard. The ED50 as determined by a chemotaxis bioassay using human XCR1 transfected murine BaF3 cells is less than 100 ng/ml, corresponding to a specific activity of > 1.0 x 10 <sup>4</sup> IU/mg.
<b>Endotoxin Note</b>	Less than 0.1 EU/ug of XCL1/Lymphotactin as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	Bioactivity
<b>Recommended Dilutions</b>	Bioactivity



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### **Products Related to NBP2-61352-5ug**

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NBP2-34948-5ug	Recombinant Human XCL1/Lymphotactin Protein
210-TA-005	TNF-alpha [Unconjugated]
AF486	XCL1/Lymphotactin Antibody [Unconjugated]
M6000B-1	IL-6 [HRP]

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### **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.

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