

## Product datasheet for **RN210274**

### **Cxcl16 (NM\_001017478) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cxcl16 (NM\_001017478) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cxcl16  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN210274 representing NM\_001017478  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGAGCGGGGCTTTGGACCCTTGGCCCTTACACTCTTCCTTTCTTCTTTGGCGCTGCTGACTCTGCCAG  
GCGATGGCAACCAGGGCAGTGTGCTGGAAGTTGCTACTGTGATCGTACAATTCCTTCTGGCACCCAGAT  
ACCGCTGCTACTTTGAATCATATGCGAAAATATCTGAAAACGTTCCATCGCTGTCAATTCCTTATCAGG  
TTCCAGTTGCAGTCCAAGAGTGTGTGGAGGAAGCCAAGACCAGTGGGTCCGTGAACTAGTGAAGTGT  
TTGAGCACAACAATGTGGAATCGGTATGGGCAGAGTTTTACCACCAAAAACATGTGCCTCAAGCCAG  
TACCCGGATCCCTGAGGCCACAGAAGGGAAACCTCCAGACACAAGCACGGCTGTACAGTTTCAGAGCACC  
CAGCAGTCCACTTTCCATCTGGAGCACCATCCTGAACAAGAGCTCACCCGCCACTGGGAAACAACCA  
TTCTCCCTCAGGCTATGGTCTGGAGGCTAGGCCTGTGGCTGAGGCAAATGAGAAACAGCACAACAGCA  
AAAAGAACCAGGAGCTGGTGTGGCACACAAGCCTTGGTGCCGGTGTATCCCTCCTGGCCATCGTCTTC  
TTCTCGTGGCAGCCATGGTCTGTGTGTGCAACAGGAGAGTACTCGGCAGAGCTCTCAGGTTTGC  
AGCTCTGTATACACTGTTGAACCAAGACCCAGGGCCT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001017478  
**Insert Size:** 744 bp



[View online »](#)

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001017478.1</a> , <a href="#">NP_001017478.1</a>
<b>RefSeq Size:</b>	1730 bp
<b>RefSeq ORF:</b>	744 bp
<b>Locus ID:</b>	497942
<b>UniProt ID:</b>	<a href="#">Q6AXU5</a>
<b>Cytogenetics:</b>	10q24
<b>Gene Summary:</b>	Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo. Also acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity).[UniProtKB/Swiss-Prot Function]