

Recombinant Rat C-X-C motif chemokine ligand 16 Protein, His&SUMO tagged

Cat. No. CXCL16-1084R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CXCL16 Protein (27-196aa) with His&SUMO tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	27-196aa
Description	Predicted to enable chemokine activity; low-density lipoprotein particle receptor activity; and scavenger receptor activity. Predicted to be involved in several processes, including T cell chemotaxis; cellular response to lipopolysaccharide; and response to interferon-gamma. Predicted to be integral component of membrane. Predicted to be active in extracellular space. Orthologous to human CXCL16 (C-X-C motif chemokine ligand 16).
Tag	N-His&SUMO
Molecular Mass	33 kDa
AA Sequence	MNWSHPQFEKSSGSSGGHHHHHHGGSGSGSDSEVNQEAKPEVKPEVKPETHIN LKVSDGSSEIFFKIKKTTPLRRLMEAFKRQ GKEMDSLRF LYDGIRIQADQAPEDLDM EDNDIIEAHREQIGGNQGSVAGSCYCDRTIPSGTQIPPATLNHMRKYLKTFHRCQFFI RFQLQSKSVCGGSQDQWVRELVNCFEHKQCGIGHGQSFHHQKHVPQASTRIPEAT

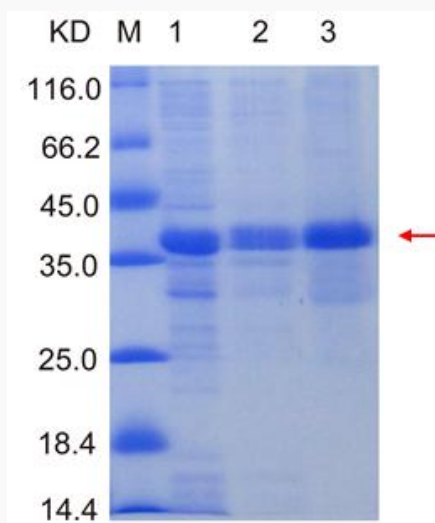
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	EGKPPDTSTAVQFQSTQQSTFSPGAPSLNKLTRHWETTILPSGYGLEARPVAEAN EKQHKQQKEPGAGAGT
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	20 mM Tris-HCl, 0.10 M NaCl, pH8.0
Concentration	0.7 mg/mL
GENE INFORMATION	
Gene Name	Cxcl16 C-X-C motif chemokine ligand 16 [Rattus norvegicus (Norway rat)]
Official Symbol	Cxcl16
Synonyms	CXCL16; chemokine (C-X-C motif) ligand 16; C-X-C motif chemokine 16; small-inducible cytokine B16; transmembrane chemokine CXCL16
Gene ID	497942
mRNA Refseq	NM_001017478
Protein Refseq	NP_001017478
UniProt ID	Q6AXU5

**SDS-PAGE of Rat
CXCL16 fusion
protein purification**



Lane M: Protein Marker

Lane 1: Un-purified

Lane 2: Flow through

Lane 3: Elution