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	MNWSHPQFEKSSGSSGGHHHHHHGGSGGSGSDSEVNQEAKPEVKPEVKPETHIN LKVSDGSSEIFFKIKKTTPLRRLMEAFAKRQGKEMDSLRFLYDGIRIQADQAPEDLDM EDNDIIEAHREQIGGNQGSVAGSCYCDRTIPSGTQIPPATLNHMRKYLKTFHRCQFFI RFQLQSKSVCGGSQDQWVRELVNCFEHKQCGIGHGQSFHHQKHVPQASTRIPEAT

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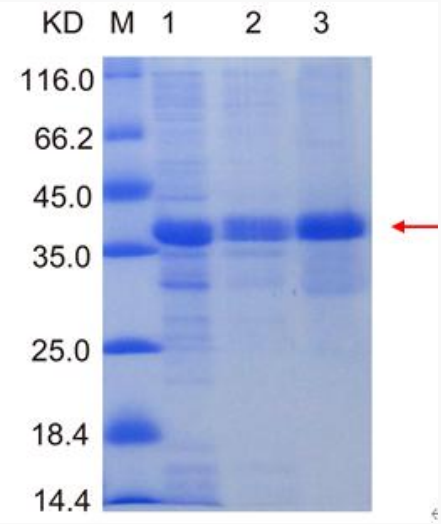
	EGKPPDTSTAVQFQSTQQSTFPSGAPSLNKELTRHWETTILPSGYGLEARPVAEANEKQHKQQKEPGAGAGT
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	20 mM Tris-HCl, 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

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SDS-PAGE of Rat CXCL16 fusion protein purification



Lane M: Protein Marker
Lane 1: Un-purified
Lane 2: Flow through
Lane 3: Elution

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