

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

Cat. No. CXCL16-255R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CXCL16 Protein (51-228aa) with N-His&SUMO tag was expressed in E. coli.
Species	Rhesus macaque
Source	E.coli
ProteinLength	51-228aa
Description	Enables chemokine activity. Involved in several processes, including positive regulation of cell growth; response to interferon-gamma; and response to tumor necrosis factor. Located in extracellular space. Biomarker of COVID-19 and systemic scleroderma.
Tag	N-His&SUMO
Molecular Mass	33.24 kDa
AA Sequence	MNWSHPQFEKSSGSSGGHHHHHHGGSGSGSDSEVNQEAKPEVKPEVKPETHIN LKVSDGSSEIFFKIKKTTPLRRLMEAFKRQGKEMDSLRFlyDGIRIQADQAPEDLDM EDNDIIEAHREQIGGNEGTVTGSCCHSKRISSDPPSAQFMNRLRKHLRAYHHCLHY IRFQLPSWSVCGGSKDPWVRELMSCDLKCEGHAYLGSAHQEHLPTSTPISQAS EGASSDIRTPTQMLLSILQSTQCPTPPAGSLSLDKELTRPSETTIPTAGHSLGVGLEA GENQKQLKNNAGPTAGTSATVP

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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	0.5 mg/mL

GENE INFORMATION

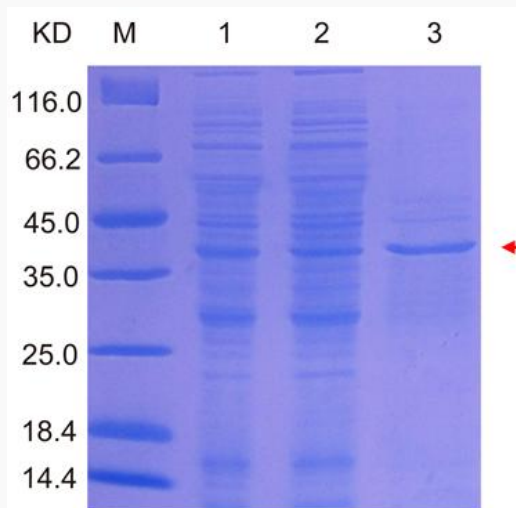
Gene Name	CXCL16 C-X-C motif chemokine ligand 16 [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	CXCL16
Synonyms	CXCL16; C-X-C motif chemokine ligand 16; C-X-C motif chemokine 16
Gene ID	721566
mRNA Refseq	XM_001117747
Protein Refseq	XP_001117747
UniProt ID	F7AGQ0

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



Lane M: Protein Marker

Lane 1: Un-purified

Lane 2: Flow through

Lane 3: Elution