

## 32-20066: Recombinant Human CXCL16(Discontinued)

**Reactivity :** Human  
**Alternative Name :** SRPSOX

### Description

**Source:** **E.coli** CXCL16 is a member of the CXC chemokine family and signals through the CXCR6 receptor. CXCL16 may play a role in attracting lymphocyte subsets during inflammation and may facilitate certain immune responses. The chemokine domain of CXCL16 contains six cysteine residues, including the four highly conserved cysteine residues characteristic of CXC chemokines. The CXCL16 gene codes for a 273 amino acid polypeptide, which includes a 29 amino acid cytoplasmic domain and transmembrane sequence containing approximately 20 amino acids. The extracellular portion of CXCL16 contains a chemokines domain and an extended C-terminal "mucin-like stalk" sequence. The extracellular domain contains 89 amino acid residues (86 amino acid residues for the murine homolog). Recombinant Human CXCL16 is a 10.1 kDa protein containing 89 amino acid residues.

### Product Info

**Amount :** 5 µg / 25 µg  
**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.  
**Content :** This recombinant protein is supplied in lyophilized form.  
**Amino Acid :** NEGSVTGSCY CGKRISDSP PSVQFMNRLR KHLRAYHRCL YYTRFQLLSW SVCGGNKDPW  
VQELMSCLDL KECGHAYSGI VAHQKLLP

### Application Note

Determined by it's ability to chemoattract activated lymphocytes using a concentration of 1.0-100.0 ng/ml.