

Lungkine (CXCL15), Murine Recombinant

CATALOG NO:	P1296-5, 20	5 µg, 20 µg
ALTERNATE NAMES:	CXCL15, Lungkine, Small-inducible cytokine B15, Scyb15, Weche, C-X-C motif chemokine 15	
SOURCE:	E.coli	
PURITY:	≥ 98% by SDS-PAGE analyses	
MOL. WEIGHT:	16.3 kDa	
FORM:	Lyophilized	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	
BIOLOGICAL ACTIVITY:	Determined by its ability to chemoattract human neutrophils using a concentration range of 20.0-100.0 ng/ml	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended reconstitute with sterilized distilled water or 0.1% BSA aqueous buffer and store in working aliquots at -20°C to -80°C.	
DESCRIPTION:	Lungkine is a CXC chemokine that is expressed in lung epithelial cells and, to a lesser extent, in certain fetal tissues. No human homolog has been identified and a specific cell surface receptor has not yet been found. Lungkine expression in lung tissue is elevated in response to inflammation, at which time it acts to specifically recruit neutrophils and direct them into the lung airway. Recombinant murine Lungkine is a 16.3 kDa CXC chemokine consisting of 142 amino acid residues, including four conserved cysteine residues present in CXC chemokines.	

RELATED PRODUCTS:

- CXCL4, Human Recombinant (**Cat. No. 7346**)
- CXCL2, Human Recombinant (**Cat. No. 7306**)
- CXCL10/IP-10/CRG-2, human recombinant (**Cat. No. 4277**)
- CXCL14/BRAK, human recombinant (**Cat. No.4278**)
- CXCL16, Human Recombinant (**Cat. No. 7130**)
- CXCL17, Human Recombinant (**Cat. No. 7345**)
- GCP-2 (CXCL6), human recombinant (**Cat. No. 7153**)
- IP-10, human recombinant (**Cat. No. 4200**)
- MIG/CXCL9, murine recombinant (**Cat. No. 7172**)
- PF-4/CXCL4, murine recombinant (**Cat. No. 7187**)
- SDF-1beta (CXCL12), murine recombinant (**Cat. No. 4391**)
- SDF-1β/CXCL2, rat recombinant (**Cat. No. 7200**)

FOR RESEARCH USE ONLY! Not to be used on humans.