GCP-2 (CXCL6), human recombinant

CATALOG #:	7153-10	10 µg
	7153-50	50 µg
ALTERNATE NAMES:	CXCL6	
SOURCE:	E. Coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	7.9 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/µg of protein (<1EU/µg).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM acetic acid.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

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 to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

DESCRIPTION:
GCP-2 is a connective tissue derived CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. GCP-2 selectively attracts neutrophils and has also been shown to exert angiogenic activity. Human GCP-2 is cross-react on murine cells. Recombinant human GCP-2 is a 7.9 kDa protein containing 72 amino acid residues.

BIOLOGICAL ACTIVITY:
Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-50.0 ng/ml.

AMINO ACID SEQUENCE:
VLTELRCTCL RVTLRVNPKT IGKLQVFPAG PQCSKVEVVA SLKNGKQVCL DPEAPFLKKV IQKILDSGNK KN

RELATED PRODUCTS:

- CXCL16, mouse recombinant **(Cat. No. 4353-25, -1000)**
- CXCL16, human recombinant **(Cat. No. 7130-10, -50)**
- CXCL10/IP-10/CRG-2, human recombinant **(Cat. No. 4277-10, -50, -1000)**
- CXCL14/BRAK, human recombinant **(Cat. No. 4278-10, -50, -1000)**
- CXCL14/BRAK, human recombinant **(Cat. No. 4278-10, -50, -1000)**
- CTGF, human recombinant **(Cat. No. 4702-20, -100, -1000)**
- CTGF Antibody **(Cat. No. 5553R-100)**

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