

Recombinant Human GRO-beta

CATALOG #:	4106-10	10 µg
	4106-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg.	
MOL. WEIGHT:	7.9 kDa	
FORM:	Lyophilized with no additives.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or – 20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human GRO-β should be stored in working aliquots at -20°C.

DESCRIPTION:

Human GRO-beta is a member of the C-X-C family of chemokines and promotes neutrophil and basophil chemotaxis and degranulation. GRO-beta like GRO-alpha specifically inhibits growth factor-stimulated proliferation of capillary endothelial cells in a dose-dependent manner. Recombinant human GRO-beta is a 7.9 kDa protein containing 73 amino acid residues.

BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract CXCR2 transfected 293 cells using a concentration range of 10-100 ng/ml.

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

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