
CXCL3/GRO γ , 35-107aa, Human, His-Tagged, Recombinant, E.coli

Cat.NO.: TP01800

3th Edition

Synonyms: Chemokine (C-X-C motif) ligand 3, CINC-2b, GRO3, GRO γ , MIP-2b, MIP2B, SCYB3

Description: CXCL3/GRO γ is a small cytokine belonging to the CXC chemokine family. CXCL3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor called CXCR2. Recombinant human CXCL3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol

Molecular Weight: 10.1kDa (94aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMASVVTETLCQCLQTLQGIHLKNIQSVNVRSPGPHCAQTEVIATLKNKKACLNPA
SPMVQKIIKILNKGSTN

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 μ g of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.