

CXCL3, 28-100aa, Mouse, His tag, E.coli

Cat.NO.: TP01799

3th Edition

Synonyms: Chemokine (C-X-C motif) ligand 3, Dcip1, Gm1960.

Description: CXCL3/GRO α 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 mouse CXCL3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol 0.15M NaCl, 5mM DTT

Molecular Weight: 10.6kDa(98aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMAVVASELRQCCLNTLPRVDFETIQSLTVTPPGPHCTQTEVIATLKDGQEV
CLNPQGPRLLQIIKKILKSGKSS

Purity: > 95% by HPLC

Concentration: 0.25 mg/ml

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.