

Recombinant mouse GRO gamma/CXCL3 protein

Catalog Number: ATGP1621

PRODUCT INFORMATION

Expression system

E.coli

Domain

28-100aa

UniProt No.

Q6W5C0

NCBI Accession No.

NP_976065

Alternative Names

Chemokine (C-X-C motif) ligand 3, Dcip1, Gm1960, Dendritic cell inflammatory protein 1

PRODUCT SPECIFICATION

Molecular Weight

10.6 kDa (98aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 50% glycerol 0.15M NaCl,5mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CXCL3/GROγ 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.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMAVVAS ELRCQLNLT PRVDFETIQS LVTTPPGPHC TQTEVIATLK DGQEVCLNPQ

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GPRLQIIKK ILKSGKSS

General References

Diez-Roux,G., et al. (2011) PLoS Biol. 9 (1), E1000582

Zlotnik,A., et al. (2010) Genome Biol. 7 (12), 243

DATA

SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

