

Recombinant human GRO gamma/CXCL3 protein

Catalog Number: CXC0902

PRODUCT INFORMATION

Expression system

E.coli

Domain

35-107aa

UniProt No.

P19876

NCBI Accession No.

NP_002081

Alternative Names

C-X-C motif chemokine ligand 3, C-X-C motif chemokine 3, GRO-gamma 1-73, Growth-regulated protein gamma, GRO-gamma, Macrophage inflammatory protein 2-beta, MIP2-beta, GRO3, GROG, SCYB3, GRO3 oncogene, CINC-2b

PRODUCT SPECIFICATION

Molecular Weight

10.1 kDa (94aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

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/GROg 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

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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.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MASVVTELRC QCLQTLQGIH LKNIQSVNVR SPGPHCAQTE VIATLKNGKK ACLNPASPMV
QKIEKILNK GSTN

General References

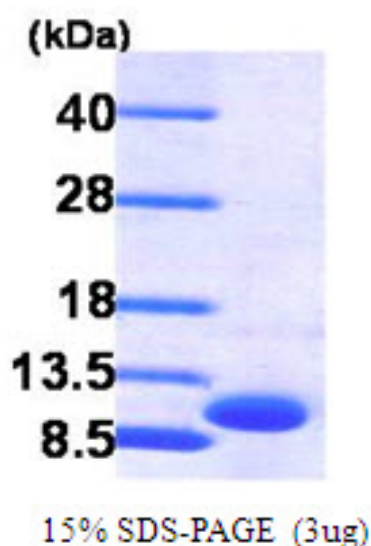
Bieche I., et al. (2007). Endocr Relat Canter. 14(4):1039-52

Rainard P., et al. (2008). Mol Immunol. 45(15):4020-7

Furuichi., et al. (2008). Front biosci. 13:4021-8

DATA

SDS-PAGE



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