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CXCL2, human recombinant protein

C-X-C motif chemokines 2, MIP2-alpha, Gro-beta, CINC-2a, GRO2, GROb, MIP2, MIP2A, SCYB2

Catalog # PBV10930r

Specification

CXCL2, human recombinant protein - Product info

Primary Accession	P19875
Concentration	1
Calculated MW	10.1 kDa (94 aa, 35-107 aa + His tag), confirmed by MALDI-TOF. KDa

CXCL2, human recombinant protein - Additional Info

Gene ID	2920
Gene Symbol	CXCL2

Other Names
C-X-C motif chemokines 2, MIP2-alpha, Gro-beta, CINC-2a, GRO2, GROb, MIP2, MIP2A, SCYB2

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MAPLATELRC QCLQTLQGIH LKNIQSVKVK SPGPHCAQTE VIATLKNGQK ACLNPASPMV KKIIEKMLKN GKSN

Target/Specificity
CXCL2

Format
Liquid

Storage
-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0).

CXCL2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

CXCL2, human recombinant protein - Images

CXCL2, human recombinant protein - Background

CXCL2 is a small cytokine belonging to the CXC chemokine family that is also known as Chemokine (C-X-C motif) ligand 2, and macrophage inflammatory protein 2-alpha (MIP2-alpha). CXCL2 is secreted by activated monocytes, neutrophils and macrophages and expressed at sites of inflammation. CXCL2 is chemotactic for polymorphonuclear leukocytes and hematopoietic stem cells and suppresses hematopoietic progenitor cell proliferation. Recombinant human CXCL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

CXCL2, human recombinant protein - References

Tekamp-Olson P.,et al.J. Exp. Med. 172:911-919(1990).
Iida N.,et al.Mol. Cell. Biol. 10:5596-5599(1990).
Haskill S.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:7732-7736(1990).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.