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32-1896: GRO b His Recombinant Protein

Alternative Name :	Macrophage inflammatory protein 2-alpha,MIP2-alpha,CXCL2,Growth- regulated protein beta,Gro-beta,chemokine (C-X-C motif) ligand 2,GRO2,GROb,MIP2,MIP2A,SCYB2,MGSA-b,MIP-2a,CINC-2a,MGSA beta.

Description

Source : Escherichia Coli. GRO-Beta Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 94 amino acids and having a molecular mass of 10.1 kDa. The GRO-b is fused to 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. Chemokine (C-X-C motif) ligand 2 (CXCL2) is a small cytokine belonging to the CXC chemokine family that is also called macrophage inflammatory protein 2-alpha (MIP2-alpha), Growth-regulated protein beta (Gro-beta) and Gro oncogene-2 (Gro-2). CXCL2 is 90% identical in amino acid sequence as a related chemokine, CXCL1. This chemokine is secreted by monocytes and macrophages and is chemotactic for polymorphonuclear leukocytes and hematopoietic stem cells. The gene for CXCL2 is located on human chromosome 4 in a cluster of other CXC chemokines. CXCL2 mobilizes cells by interacting with a cell surface chemokine receptor called CXCR2.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The Human CXCL2 protein solution contains 20mM Tris HCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAPLATELRC QCLQTLQGIH LKNIQSVKVK SPGPHCAQTE VIATLKNGQK ACLNPASPMV KKIIEKMLKNGKSN.

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