

32-12105: Human GRO-beta (CXCL2)

Gene : CXCL2

Gene ID : 2920

Uniprot ID : P19875

Alternative Name : GRO2, GROB, MIP2A, SCYB2, GRO-beta-T, Hematopoietic synergistic factor, SB-251353

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 7.9 kDa (73 aa)

Growth regulated protein beta (GRO-beta), also known as CXCL2, is a chemokine that is secreted by macrophages, neutrophils, and monocytes at sites of inflammation. GRO-beta functions as a chemoattractant for leukocytes and hematopoietic stem cells. GRO-beta activity is mediated through binding the G-protein-coupled chemokine receptor CXCR2.

Product Info

Amount : 10 µg / 100 µg

Purification : Reducing and Non-Reducing SDS PAGE at $\geq 95\%$

Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

Amino Acid : APLATELRQC CLQTLQGIHL KNIQSVKVKSGPGHCAQTEV IATLKNGQKA CLNPASPMVK KIEKMLKNG KSN

Application Note

Endotoxin: Less than $0.1 \text{ ng}/\mu\text{g}$ ($1 \text{ IEU}/\mu\text{g}$) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.



