

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 >= 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 : APLATELRCQ CLQTLQGIHL KNIQSVKVKSPGPHCAQTEV IATLKNQKQKALNPASPMVK KIEKMLKNG KSN

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) 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.



