



Recombinant Protein Technical Manual

Recombinant Human CXCL3/GRO gamma Protein (His Tag) RPES1348

Product Data:

Product SKU: RPES1348

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P19876

Protein Information:

Molecular Mass: 10.1 kDa

AP Molecular Mass: 13 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: C-X-C Motif Chemokine 3; GRO-Gamma (1-73); Growth-Regulated Protein Gamma; GRO-Gamma; Macrophage Inflammatory Protein 2-Beta; MIP2-Beta; GRO-Gamma (5-73); CXCL3; GRO3; GROG; SCYB3

Immunogen Information:

Sequence: Ala35-Asn107

Background:

C-X-C Motif Chemokine 3 (CXCL3) is a secreted protein that belongs to the intercrine alpha (chemokine CXC) family. CXCL3 controls the migration and adhesion of monocytes and mediates its effect on its target cell by interacting with a cell surface chemokine receptor called CXCR2. In addition, CXCL3 is thought to play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion.