

## GRO gama/CXCL3 Protein, Mouse, Recombinant

### General Information

Synonyms:	Cxcl3;C-X-C motif chemokine 3;Dendritic cell inflammatory protein 1;Gm1960;Dcip1
Protein Construction:	28-100 aa
Species:	Mouse
Expression Host:	E. coli
Accession:	Q6W5C0
Molecular Weight:	7.9 kDa (Predicted)
AA Sequence:	AVVASELRCQCLNTLPRVDFETIQSLTVTPPGPHCTQTEVIATLKDGEVCLNPQGPRLQIIKKILKSGKSS

### QC Testing

Biological Activity:	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human CXCR2 transfected human 293 cells is in a concentration range of 10-100 ng/ml.
Purity:	>97% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 $\mu$ m filtered PBS, pH 7.4

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100  $\mu$ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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