重组小鼠CXC趋化因子2(CXC2)

C-X-C Motif Chemokine 2,Mouse,Recombinant

Cat. No.: MA1456-1 Size: 10μg

Source: E.coli

Description: Recombinant Mouse C-X-C Motif Chemokine 2 is produced by our E.coli expression system and the target gene encoding Ala28-Asn100 is expressed.

Accession: P10889

Known As: MIP-2; chemokine ligand 2; C-X-C motif chemokine 2; GRO beta; GRO2; GROB; Gro-beta; Growth-regulated protein beta; Macrophage Inflammatory Protein-2-alpha; melanoma growth stimulatory activity beta; cxcl2; MGSA-b; MGSA-beta; MIP2A; MIP2-alpha; SCYB2

Predicted Mol Mass: 7.9 KDa

Apparent Mol Mass: 10 KDa, reducing conditions

Endotoxin: < 1 EU/μg as determined by LAL test.

Formulation: Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

Reconstitution:
Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100μg/ml.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

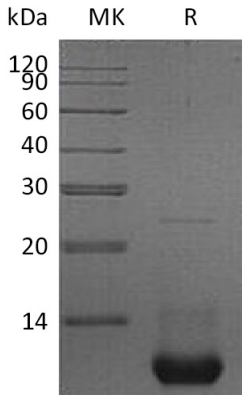
Shipping:
The product is shipped at ambient temperature.
Upon receipt, store it immediately at the temperature listed below.

Storage:
Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.
Reconstituted protein solution can be stored at 2-8°C for 2-7 days.
Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

Background: C-X-C motif chemokine 2 (CXCL2,MIP-2) belongs to the intercrine alpha (chemokine CxC) family. It was originally identified as a heparin-binding protein secreted from a murine macrophage cell line in response to endotoxin stimulation. The expression of mouse MIP-2 is stimulated by endotoxin. The mouse MIP-2 shares approximately 63% aa sequence identity with murine KC, another mouse alpha chemokine, which is induced by PDGF. It has been suggested that mouse KC and MIP-2 are the homologs of the human GROs and rat CINCs. Chemotactic for human polymorphonuclear leukocytes but does not induce chemokinesis or an oxidative burst. The expression of MIP-2 was found to be associated with neutrophil influx in pulmonary inflammation

and glomerulonephritis, suggesting that MIP-2 may contribute to the pathogenesis of inflammatory diseases.

Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE.

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