重组人趋化因子1(CCL1)

C-C Motif Chemokine 1,Human,Recombinant

Cat. No.: MA1442-1 Size: 10μg

Source: E.coli

Description: Recombinant Human C-C Motif Chemokine 1 is produced by our E.coli expression system and the target gene encoding Lys24-Lys96 is expressed.

Accession: P22362

Known As: C-C Motif Chemokine 1; Small-Inducible Cytokine A1; T Lymphocyte-Secreted Protein I-309; CCL1; SCYA1

Predicted Mol Mass: 8.62 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 PBS, pH 7.4.

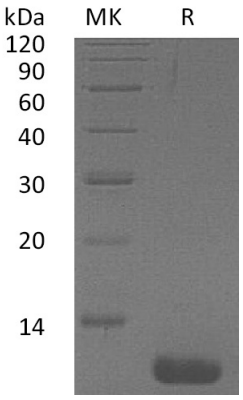
Reconstitution:
Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100μg/ml.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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: Chemokine (C-C Motif) Ligand 1 (CCL1) is a small glycoprotein secreted by activated T cells, which play a central role during immunoregulatory and inflammaion processes. Human CCL1 has been assumed to be a homologue of the mouse TCA3. While the two proteins share only approximately 42% amino acid sequence identity, both chemokines contain an extra pair of cysteine residues not found in most other chemokines. CCL1 attracts monocytes, NK cells, and immature B cells and dendritic cells by interacting with cell surface chemokine receptor CCR8. CCL1 is identified as a potent inhibitor of HIV-1 envelope-mediated cell-cell fusion and virus infection.

Purity-SDS-PAGE:



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

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