

Ccl22

Recombinant Rat Macrophage-Derived Chemokine/CCL22

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|---------------------------------|---|------------------|-----------------------|
| Catalog No. | CS517A CS517B CS517C | Quantity: | 5 µg 20 µg 1 mg |
| Alternate Names: | Chemokine (C-C motif) ligand 22, small inducible cytokine A22, small inducible cytokine subfamily A (Cys-Cys) member 22 | | |
| Description: | <p>Macrophage-Derived Chemokine/CCL22 (MDC) is a CC chemokine that is produced in B cells, macrophages, monocyte-derived dendritic cells, activated NK cells and CD4 T cells. It signals through the CCR4 receptor. MDC chemoattracts monocytes, dendritic cells and NK cells and exerts HIV suppressive activity.</p> <p>Recombinant Rat Macrophage-Derived Chemokine/CCL22 is a single, non-glycosylated polypeptide chain containing 68 amino acids.</p> | | |
| Gene ID: | 117551 | | |
| Source: | <i>E. coli</i> | | |
| Molecular Weight: | 7.9 kDa | | |
| Formulation: | Lyophilized from a 0.2 µm filtered concentrated solution in 2 × PBS, pH 7.4. | | |
| Purity: | >96% by SDS-PAGE and HPLC analyses. | | |
| Endotoxin Level: | <1 EU/µg as determined by LAL method. | | |
| Biological Activity: | Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration range of 10 -100 ng/ml. | | |
| Amino Acid Sequence: | GPYGANVEDS ICCQDYIRHP LPPRFVKEFY WTSKSCRKPG VVLITIKNRD ICADPRMLWV KKILHKLA | | |
| Reconstitution: | Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in appropriate buffered solutions. | | |
| Storage & Stability: | The lyophilized protein is stable at 2-8°C. Upon receipt, store desiccated at -20°C. After reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. For long term storage of reconstituted protein, it is recommended that a carrier protein such as 0.1% BSA or HSA be added. This depends on the particular application. Avoid repeated freeze/thaw cycles. | | |

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