

## CCL5 Protein, Mouse, Recombinant

### General Information

|                       |  |
|-----------------------|--|
| Synonyms:             | Scya5;C-C motif chemokine 5;Small-inducible cytokine A5;MuRantes;T-cell-specific protein RANTES;Ccl5;SIS-delta |
| Protein Construction: | 24-91 aa   |
| Species:              | Mouse  |
| Expression Host:      | E. coli  |
| Accession:            | P30882   |
| Molecular Weight:     | 7.9 kDa (Predicted)  |
| AA Sequence:          | SPYGSDDTPCCFAYLSLALPRAHVKEYFYTSSKCSNLAVVFVTRRRNRQVCANPEKKWVQYINYLEMS   |

### QC Testing

|                      |   |
|----------------------|---|
| Biological Activity: | Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human T lymphocytes is in a concentration range of 1.0-10 ng/ml. |
| Purity:              | >97% as determined by SDS-PAGE.   |
| Endotoxin:           | < 1.0 EU/μg of the protein as determined by the LAL method.   |
| Formulation:         | Lyophilized from a 0.2 μm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA   |

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

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