

Active Recombinant Rhesus CCL5 protein

Cat. No. CCL5-3411R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Rhesus CCL5 protein(24-91 aa) was expressed in E.coli.
Species	Rhesus
Source	E.coli
ProteinLength	24-91 aa
Form	Lyophilized from a 0.2 µ filtered solution in 20mM PB, pH 6.0, 500mM NaCl.
Bio-activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 1.0-10 ng/ml.
Molecular Mass	Approximately 7.8 kDa, a single non-glycosylated polypeptide chain containing 68 amino acids.
AASequence	SPHASDTPPC CFAYIARPLP RAHIKEYFYT SGKCSNPAVV FVTRKNRQVC ANPEKKWVRE YINSLEMS
Endotoxin	Less than 0.1 EU/µg of rRhRANTES/CCL5 as determined by LAL method.
Purity	>98% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months

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from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

SDS-PAGE

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