

Datasheet for ABIN935753 CCL5 Protein



[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	CCL5
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	SPYGSDDTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRRNQVC ANPEKKWVQE YINYLEMS
Characteristics:	Purified recombinant Mouse RANTES protein Expression System: E.coli Bioactivity: Determined by its ability to chemoattract total human lymph °Cyte population and total Mouse T cell population using a concentration range of 1.0-10.0 ng/mL.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg) of RANTES.

Target Details

Target:	CCL5
Alternative Name:	RANTES (CCL5 Products)
Background:	RANTES is a CC-chemokine that can signal through the CCR1, CCR3, CCR5 and US28

Target Details

(cytomegalovirus receptor) receptors. It is a chemoattractant towards monocytes, memory T cells (CD4+/CD45RO), basophils, and eosinophils. RANTES also has the capability to inhibit certain strains of HIV-1, HIV-2 and simian immunodeficiency virus (SIV).

Alternative Names: Regulation upon Activation Normal T cell Express Sequence protein, SIS-delta protein, CCL5 protein

Molecular Weight: 7.8 kDa

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Comment: Biological activity: Determined by its ability to chemoattract total human lymph DEG Cyte population and total Mouse T cell population using a concentration range of 1.0-10.0 ng/mL.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in water to a concentration of 0.1-1.0 mg/mL.

Buffer: Supplied lyophilized with no additives.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.