

RANTES Active Protein | CCL5 active protein

RANTES protein

CATALOG # AAA75423	HOST Human
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PRODUCT SYNONYMS

RANTES; RANTES protein; CCL5 protein; SIS-delta protein; Regulation upon Activation Normal T cell Express Sequence protein; CCL5 active protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 98% pure
Form/Format	Supplied lyophilized with no additives. Reconstitute in water to a concentration of 0.1-1.0 mg/ml.
Sequence	Region of RANTES protein corresponding to amino acids SPYS SDTTPCCFAY IARPLPRAHI KEYFYTSGKC SNPAVVFVTR KNRQVCANPE KKWVREYINS LEMS.
Sequence Length	91
Protein Type	Recombinant
Biological Significance	RANTES is a CC-chemokine that can signal through the CCR1, CCR3, CCR5 and US28 (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).
Bioactivity	Determined by its ability to chemoattract human blood monocytes using a concentration range of 1.0-10.0 ng/ml.
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Expression System	E Coli
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CCL5 active protein	Purified recombinant Human RANTES protein
Product Categories/Family for CCL5 active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	2905632
NCBI GeneID	6352
UniProt Accession #	P13501 ; O43646 ; Q0QVW8 ; Q4ZGJ1 ; Q9NYA2 ; Q9UBG2 ; Q9UC99
Molecular Weight	7.8 kDa
NCBI Official Full Name	RANTES
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 5

NCBI Official Symbol	CCL5
NCBI Official Synonym Symbols	SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta
NCBI Protein Information	C-C motif chemokine 5
UniProt Protein Name	C-C motif chemokine 5
UniProt Gene Name	CCL5
UniProt Synonym Gene Names	D17S136E; SCYA5; TCP228
UniProt Entry Name	CCL5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-active-protein/rantes/75423>