

RANTES (CCL5) Active Protein | RANTES active protein

Recombinant Human RANTES (CCL5)

CATALOG #
AAA214251

HOST
E Coli

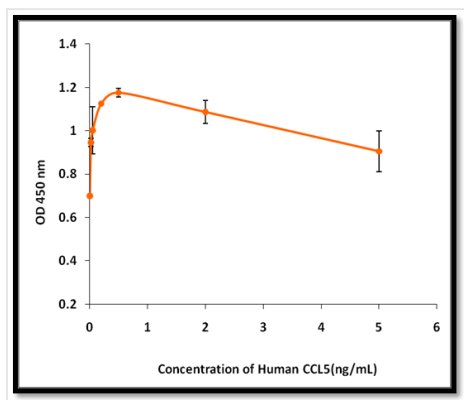
PRODUCT SYNONYMS

RANTES (CCL5); Recombinant Human RANTES (CCL5); Regulation upon Activation Normal T cell Express Sequence; CCL5; SIS-delta; C-C motif chemokine 5; EoCP; Eosinophil chemotactic cytokine; Small-inducible cytokine A5; T cell-specific protein P228; TCP228; T-cell-specific protein RANTES; D17S136E; SCYA5; RANTES active protein

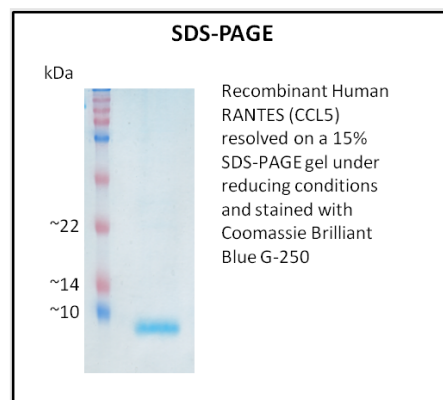
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	91
Bioactivity	Determined by its ability to chemoattract human blood monocytes using a concentration range of 1-10 ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for RANTES active protein	RANTES belongs to the family of chemotactic cytokines known as chemokines and is expressed by an early response gene. The synthesis of RANTES is induced by TNF-alpha and IL-1-alpha. RANTES is chemotactic for T cells, human eosinophils and basophils and plays an active role in recruiting leukocytes into inflammatory sites. RANTES also activates eosinophils to release eosinophilic cationic protein while being a potent activator of oxidative metabolism specific for eosinophils. RANTES increases the adherence of monocytes to endothelial cells and selectively supports the migration of monocytes and T lymphocytes expressing the cell surface markers CD4 and UCHL1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2905632
NCBI GeneID	6352
UniProt Accession #	P13501
Molecular Weight	9.0 kDa
NCBI Official Full Name	RANTES
NCBI Official Synonym Full Names	C-C motif chemokine 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/e-coli-active-protein/rantes-ccl5/214251>