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RANTES, human recombinant protein

Small inducible cytokine A5, CCL5, T-cell-specific RANTES protein, SIS-delta, T cell-specific prote

Catalog # PBV10219r

Specification

RANTES, human recombinant protein - Product info

Primary Accession	P13501
Calculated MW	**10.1 kDa KDa**

RANTES, human recombinant protein - Additional Info

Gene ID	**6352**
Gene Symbol	**TCP228**

Other Names
Small inducible cytokine A5, CCL5, T-cell-specific RANTES protein, SIS-delta, T cell- specific protein P228, TCP228, chemokine (C-C motif) ligand 5, SISd, SCYA5, RANTES, D17S136E, MGC17164.

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**1-10 ng/ml**

Target/Specificity
RANTES

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1 µg/ µl. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°c for future use.

Format
Lyophilized protein

Storage
-20°C; Lyophilized with no additives

RANTES, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

RANTES, human recombinant protein - Images

RANTES, human recombinant protein - Background

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). Recombinant human RANTES is a 7.8 kDa protein containing 68 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

RANTES, human recombinant protein - References

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