

Recombinant CCL5 (Rantes)

ORDERING INFORMATION

Catalog No.	Size
50181P-5	5ug
50181P-20	20ug
50181P-50	50ug
50181P-100	100ug
50181P-1000	1000ug

RELATED PRODUCTS

#1112 Anti-HIV Co-Receptor CCR5 Antibody

BACKGROUND

CCL5, also known as Regulated on Activation, Normal T-cell Expressed and Secreted (RANTES), is a proinflammatory chemokine that induces migration and activation of leukocytes, and is also implied in HIV infection. CCL5 binds to cell surface receptors CCR1, CCR3, CCR4, and CCR5. Its biological effects on leukocyte activation and HIV infections is dependent upon concentration and on the binding of cell surface glycosaminoglycans.

DESCRIPTION

Source:	Recombinant human CCL5, produced in <i>E. coli</i> , corresponds to aa 24-91 (accession no. P13501).
Protein Sequence:	SPYSSDTPCCFAYIARPLPRAHIKEYFYTSGKCSNPAVVFVTRKNRQV CANPEKKWVREYINSLEMS
Molecular Mass:	7.851kDa by Mass Spec.
Purity:	>97%
Activity:	EC50 = 0.13nM determined by Migration Assay in L1.2 cells expressing CCR5.
Endotoxin Level:	<0.01 EU per 1ug of protein by LAL method.
Form:	Lyophilized.
Carrier Protein:	None.

PREPARATION AND STORAGE

Reconstitution:	Recommended at 100ug/ml in sterile distilled water.
Stability and Storage:	12 months from date of receipt, -20°C to -70°C, as supplied. 1 month, 2°C to 8°C, under sterile conditions after reconstitution. 3 months, -20°C to -70°C, under sterile conditions after reconstitution.

For in vitro investigational use only. Not for use in diagnostic or therapeutic procedures.