

Datasheet for ABIN2469003 **CCL5 Protein**

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Overview

Quantity:	0.005 mg
Target:	CCL5
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	SPYGSDTTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRNRQVC ANPEKKWVQE YINYLEMS
Characteristics:	Biological activity was determined by its ability to chemoattract rat peritoneal macrophages using a concentration range of 50.0 - 100.0 ng/mL.
Purity:	< 98 % by SDS-PAGE gel and HPLC analyses.
Endotoxin Level:	Endotoxin level is less than 0.1 ng per µg (1 EU/µg).

Target Details

Target:	CCL5
Alternative Name:	RANTES (CCL5 Products)
Background:	RANTES is a protein which has been shown to be a chemoattractant for peripheral blood monocytes. It appears to selectively attract T cells of the CD4+/CD45RO+ phenotype in vitro. Recombinant Rat RANTES is a 7.9 kDa protein containing 68 amino acid residues.

Target Details

Gene ID:	81780
NCBI Accession:	NP_112378
OMIM:	61889094
UniProt:	P50231
Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of G-Protein Coupled Receptor Protein Signaling, Smooth Muscle Cell Migration

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Handling Advice:	As with any protein, exposing RANTES recombinant protein to repeated freeze / thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.
Storage:	-20 °C
Storage Comment:	The recombinant protein is stable for at least 2 years from date of receipt at -20 °C. Reconstituted RANTES is stable for at least 3 months when stored in working aliquots with a carrier protein at -20 °C.
Expiry Date:	24 months