

Recombinant CCL3 (MIP-1 α)

ORDERING INFORMATION

Catalog No.	Size
50187P-5	5ug
50187P-20	20ug
50187P-50	50ug
50187P-100	100ug
50187P-1000	1000ug

RELATED PRODUCTS

#1112 Anti-Human CCR5 Antibody

BACKGROUND

CCL3, also known as Macrophage Inflammatory Protein-1 α (MIP-1 α), is a proinflammatory chemokine that stimulates chemotaxis and activation of different cell populations of the immune system. CCL3 binds to CCR1, CCR4, and CCR5 receptors, and it is one of the major HIV-suppressive factors produced by CD8+ T-cells. CCL3 induces dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).

DESCRIPTION

Source:	Recombinant human CCL3 is produced in <i>E. coli</i> (accession no. P10147).
Protein Sequence:	SLAADTPTACCFSYTSRQIPQNFADYFETSSQCSKPGVIFLTKRSRQV CADPSEEWVQKYVSDLELSA
Molecular Mass:	7.716kDa by Mass Spec.
Purity:	>97% by SDS-PAGE
Activity:	EC50 = 0.2nM determined by migration of recombinant CCR5-expressing cells.
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.