

Recombinant CCL3 (MIP-1 α), biotinylated

ORDERING INFORMATION

Catalog No.	Size
50187PB-2	2ug
50187PB-10	10ug
50187PB-50	50ug
50187PB-100	100ug

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, aa 24-92).
Modification:	Biotinylated
Protein Sequence:	SLAADTPTACCFSYTSRQIPQNFADYFETSSQCSKPGVIFLTKRSRQV CADPSEEWVQKYVSDLELSA
Purity:	>97% by SDS-PAGE
Activity:	EC50 = 1.1-2.6nM determined by Migration Assay 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:	Centrifuge tube prior to resuspending. 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, -20°C to -70°C, under sterile conditions after reconstitution. Best if used immediately after reconstitution. Avoid multiple freeze-thaw cycles.

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