

## Recombinant Human CCL4/MIP-1 $\beta$ Protein

RPCB1199

### Protein Information

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<b>Size:</b>	10 $\mu$ g , 20 $\mu$ g , 50 $\mu$ g , 100 $\mu$ g	<b>Tag:</b>	C-hFc
<b>Reactivity:</b>	Human	<b>Expressed Host:</b>	HEK293 cells
<b>Calculated MW:</b>	33.78 kDa	<b>Observed MW:</b>	40 kDa

### Background

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Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta(3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta(3-69) is also a ligand for CCR1 and CCR2 isoform B.

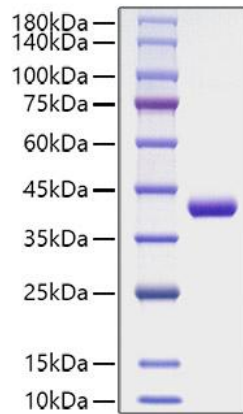
### Properties

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<b>Synonyms:</b>	ACT2, G-26, HC21, LAG1, LAG-1, MIP1B, SCYA2, SCYA4, MIP1B1, AT744.1, MIP-1-beta, CCL4
<b>Gene ID:</b>	6351
<b>Endotoxin:</b>	< 0.1 EU/ $\mu$ g of the protein by LAL method.
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Recombinant Human CCL4/MIP-1 $\beta$ Protein (RPCB1199), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
<b>Purity:</b>	$\geq$ 95 % as determined by SDS-PAGE.
<b>Storage:</b>	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

## Validation Data

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Recombinant Human CCL4/MIP-1 $\beta$  Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.