

Recombinant Rat Il12b Protein, Fc-tagged

Cat. No. Il12b-1104R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Il12b (XP_006246209.1) (Met1-Ser335) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-335 a.a.
Predicted N Terminal	Met 23
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Il12b consists 551 amino acids and predicts a molecular mass of 62.5 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [IL12b interleukin 12B \[Rattus norvegicus \]](#)

Official Symbol [IL12b](#)

Synonyms IL12B; interleukin 12B; interleukin-12 subunit beta; interleukin-12 p40; IL12;

Gene ID [64546](#)

mRNA Refseq [NM_022611](#)

Protein Refseq [NP_072133](#)

MIM

UniProt ID

Pathway African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved

Function contributes_to cytokine activity; contributes_to cytokine receptor binding; contributes_to growth factor activity; identical protein binding; interleukin-12 alpha subunit binding; interleukin-12 alpha subunit binding; contributes_to interleukin-23 recepto

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