

Active Recombinant Rat Il12b&Il23a

Cat. No. Il12b&Il23a-747R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il12b&Il23a (Accession # NP_072133 (p40) & NP_569094 (p19)), fused with , was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Rat
Source	Sf21 Cells
Predicted N Terminal	Met23
Form	Lyophilized from a 0.2 µ filtered solution in Tris-Citrate and NaCl with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce IL-17 secretion by mouse splenocytes. Aggarwal, S. et al. (2003) J. Biol. Chem. 278:1910. The ED50 for this effect is typically 0.1 - 0.5 ng/mL.
Molecular Mass	Recombinant Rat Il12b&Il23a has a calculated MW of 58.3 kDa. In SDS-PAGE migrates as 66 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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

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