

Active Recombinant Rat Il12b&Il12a

Cat. No. Il12b&Il12a-748R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il12b&Il12a (Accession # NP_072133 (p40) & Q9R103 (p35)), fused with , was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Rat
Source	Sf21 Cells
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using PHA-activated mouse splenocytes. Mattner, F. et al. (1993) Eur. J. Immunol. 23:2202. The ED50 for this effect is typically 0.025 - 0.25 ng/mL.
Molecular Mass	Recombinant Rat Il12b&Il12a has a calculated MW of 36.8 kDa (p40), 22.6 kDa (p35). In SDS-PAGE migrates as 42-45 kDa and 26-28 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).
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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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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