

Recombinant Mouse Il12rb1

Cat. No. Il12rb1-8337M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il12rb1 was expressed in NSO Cells.
Species	Mouse
Source	Mammalian Cells
Description	The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex.
Molecular Mass	The predicted molecular weight of Recombinant Mouse IL-12 R β 1 is Mr 61.3 kDa. However, the actual molecular weight as observed by migration on SDS-PAGE is Mr 95-110 kDa.
Endotoxin	<1.0 eu/ μ g="" as="" determined="" by="" the="" lal="">
Purity	>90% by SDS-PAGE and analyzed by silver stain.
Storage	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

GENE INFORMATION

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Gene Name	Il12rb1 interleukin 12 receptor, beta 1 [Mus musculus]
Official Symbol	Il12rb1
Synonyms	IL12RB1; interleukin 12 receptor, beta 1; interleukin-12 receptor subunit beta-1; IL-12R-beta-1; IL-12R subunit beta-1; IL-12 receptor beta component; IL-12 receptor subunit beta-1; Interleukin-12 receptor beta-1 chain precursor (IL-12R-beta1) (Interleukin-12 receptor beta) (IL-12 receptor beta component); CD212; IL-12R[b];
Gene ID	16161
mRNA Refseq	NM_008353
Protein Refseq	NP_032379
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	contributes_to cytokine binding; receptor activity;

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