

Recombinant Mouse Il12rb1 Protein, MYC/DDK-tagged

Cat. No. Il12rb1-1238M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse interleukin 12 receptor, beta 1 (Il12rb1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as an interleukin receptor which binds interleukin-12 with low affinity and is involved in IL12 transduction. Associated with IL12RB2 it forms a functional, high affinity receptor for IL12. Associates also with IL23R to form the interleukin-23 receptor which functions in IL23 signal transduction probably through activation of the Jak-Stat signaling cascade.
Molecular Mass	82.2 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Il12rb1 interleukin 12 receptor, beta 1 [Mus musculus (house mouse)]
Official Symbol	Il12rb1
Synonyms	Il12rb1; interleukin 12 receptor, beta 1; CD212; IL-12R[b]; interleukin-12 receptor subunit beta-1; IL-12 receptor beta component; IL-12 receptor subunit beta-1; IL-12R subunit beta-1; IL-12R-beta-1; Interleukin-12 receptor beta-1 chain precursor (IL-12R-beta1) (Interleukin-12 receptor beta) (IL-12 receptor beta component)
Gene ID	16161
mRNA Refseq	NM_008353
Protein Refseq	NP_032379
UniProt ID	Q60837

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