

## Active GMP Recombinant Human IL12B protein

Cat. No. IL12B-131HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human IL12B protein(NP_002178.2)(319 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Human IL-12B(NP_002178.2) was expressed with His tag at the C-terminal.
<b>Bio-activity</b>	The linear range of immobilized anti-IL-12B antibody at 5ug/mL (100 uL/well) that can bind to human IL-12B (His tag) is 0.2-20ng/mL.
<b>Molecular Mass</b>	Recombinant Human IL-12B contains 319 aa. It has a predicted MW of 36.4 kDa.
<b>Endotoxin</b>	<0.1EU/ug
<b>Purity</b>	>=95% by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

<b>Gene Name</b>	IL12B interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40) [ Homo sapiens ]
<b>Official Symbol</b>	IL12B
<b>Synonyms</b>	IL12B; interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40); NKSF2; interleukin-12 subunit beta; CLMF; CLMF2; cytotoxic lymphocyte maturation factor 2; p40; IL 12B; IL12; subunit p40; interleukin 12; interleukin 12 beta chain; natural killer cell stimulatory factor; 40 kD subunit; natural killer cell stimulatory factor 2; NKSF; CLMF p40; IL-12 subunit p40; IL12, subunit p40; interleukin 12, p40; interleukin-12 beta chain; NK cell stimulatory factor chain 2; cytotoxic lymphocyte maturation factor 40 kDa subunit; natural killer cell stimulatory factor, 40 kD subunit; IL-12B
<b>Gene ID</b>	3593
<b>mRNA Refseq</b>	NM_002187
<b>Protein Refseq</b>	NP_002178
<b>MIM</b>	161561
<b>UniProt ID</b>	P29460

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