

Active GMP Recombinant Human IL12 protein

Cat. No. IL12-159HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human IL12 protein(NP_002178.2)(210 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human p35 Subunit(UniProtKB/Swiss-Prot: P29459.2),p40 Subunit (NP_002178.2) was expressed with His tag at the C-terminal.
Bio-activity	>1.0×10 ⁷ IU/mg
Molecular Mass	Recombinant human p30 subunit contains 210 aa, recombinant human p40 subunit contains 319 aa. It has a predicted MW of 60 kDa.
Endotoxin	0.01-0.02EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	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
Reconstitution	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

Gene Name	IL12B interleukin 12B [Homo sapiens (human)]
Official Symbol	IL12B
Synonyms	CLMF; NKSF; CLMF2; IMD28; IMD29; NKSF2; IL-12B
Gene ID	3593
mRNA Refseq	NM_002187.3
Protein Refseq	NP_002178.2
MIM	161561
UniProt ID	P29460

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