

Active Recombinant Human IL12, HlgG1 Fc-tagged

Cat. No. IL12-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	The human IL-12 complex composed of the p40 subunit (NP_002178.2) (ILe23-Ser328) and the p35 subunit (NP_000873.2)(Arg57-Ser253) is fused through a polypeptide linker to the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	23-328;57-253 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay.
Molecular Mass	85KDa(monomer)
AA Sequence	The human IL-12 complex composed of the p40 subunit (NP_002178.2) (ILe23-Ser328) and the p35 subunit (NP_000873.2)(Arg57-Ser253) is fused through a polypeptide linker to the Fc region of mouse IgG2a.
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are

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stable for up to 3 months when stored at -20°C.

Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name IL-12

Official Symbol IL12

Synonyms IL12; IL12B; IL-12B

Gene ID 100860847

mRNA Refseq NM_001285700

Protein Refseq NP_001272629

UniProt ID P68221

Pathway African trypanosomiasis, organism-specific biosystem;Allograft rejection, organism-specific biosystem;Chagas disease (American trypanosomiasis), organism-specific biosystem

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