

## Active Recombinant Human II12b Protein, Fc Chimera

Cat. No. II12b-750H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human II12b (Accession # NP_075594), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Arg22
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to inhibit FGF acidic-dependent proliferation of NR6R-3T3 mouse fibroblast cells. The ED50 for this effect is typically 1-3 ng/mL.
<b>Molecular Mass</b>	Recombinant Human II12b, Fc Chimera has a calculated MW of 56 kDa (monomer). In SDS-PAGE migrates as 90-100 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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
<b>Chromosome Location</b>	5q31.1-q33.1

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