

# Recombinant Full Length Hamster IL12 p40 Protein, His tagged

Cat. No. IL12b-16H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Hamster IL12 p40 Protein, Sourced from HEK293, Met1-Ser327, with C-terminal His Tag.
<b>Species</b>	Hamster
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-327 aa
<b>Description</b>	Interleukin 12 p40 subunit (IL-12p40) is a component of the bioactive cytokines IL-12 and IL-23. Existing in either a monomeric or homodimeric form, it is induced in excess of the other subunits of IL-12 and IL23. Most known for providing negative feedback by competing for the IL-12 receptor, it also functions as a chemoattractant for macrophages and is associated with several pathogenic inflammatory responses.
<b>Form</b>	Lyophilized from 1x PBS with Trehalose
<b>Molecular Mass</b>	36.5 kDa
<b>Purity</b>	>95% by SDS-PAGE
<b>Applications</b>	ELISA and Western Blot Analysis
<b>Storage</b>	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.

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For long-term storage, store for up to 2 years at -20 centigrade and 5 years at -80 centigrade after reconstitution.

**Shipping** Ambient

**Reconstitution** Reconstitute in 25 µL in sterile PBS containing at least 0.1% protein.

## GENE INFORMATION

**Gene Name** [IL12b interleukin 12B \[ Mesocricetus auratus \(golden hamster\) \]](#)

**Official Symbol** [IL12b](#)

**Synonyms** IL12b; interleukin 12B; IL-12B; IL-12p40; interleukin-12 subunit beta; CLMF p40; Cytotoxic lymphocyte maturation factor 40 kDa subunit; IL-12 subunit p40; interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40); interleukin-12 p40 subunit; interleukin-12p40

**Gene ID** [101843678](#)

**mRNA Refseq** [NM\\_001281689](#)

**Protein Refseq** [NP\\_001268618](#)

**UniProt ID** [Q8CJE6](#)

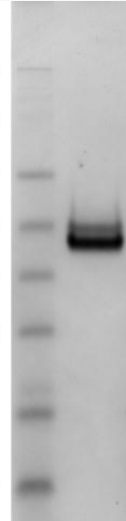
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**SDS-PAGE**

118kDa-  
98kDa-  
62kDa-  
49kDa-  
38kDa-  
28kDa-  
14kDa-  
6kDa-



Hamster IL-12p40 (2 $\mu$ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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