

Recombinant Full Length Hamster IL12 p40 Protein, His tagged

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

SPECIFICATION

Product Overview	Recombinant Hamster IL12 p40 Protein, Sourced from HEK293, Met1-Ser327, with C-terminal His Tag.
Species	Hamster
Source	HEK293
ProteinLength	1-327 aa
Description	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.
Form	Lyophilized from 1× PBS with Trehalose
Molecular Mass	36.5 kDa
Purity	>95% by SDS-PAGE
Applications	ELISA and Western Blot Analysis
Storage	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

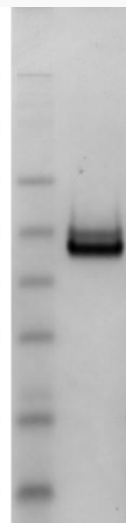
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SDS-PAGE

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



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

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