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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL12B (Human) Recombinant Protein

Catalog Number: P8330

Regulation Status: For research use only (RUO)

Product Description: Human IL12B (P29460, 23 a.a. - 328 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

ADPIWELKKDVYVVELDWYPDAPGEMVVLTCDTPEED
GITWTLDQSSEVLGSGKTLTIQVKEFGDAGQYTCHKG
GEVLSHSLLLLHKKEDGIWSTDILKDQKEPKNKTFRLC
EAKNYSGRFTCWLLTTISTDLTFSVKSSRGSSDPQGV
TCGAATLSAERVRGDNKEYEYSVECQEDSACPAEE
SLPIEV/MVDAVHKLKYENYSSFFIRDIIKPDPPKNLQLK
PLKNSRQVEVSWEYPDTWSTPHSYFSLTFCVQVQGK
SKREKKDRVFTDKTSATVICRKNASISVRAQDRYYSSS
WSEWASVPCS

Host: *Escherichia coli*

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 95% by SDS-PAGE

Recommend Usage: Biological Activity

SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: In 1x PBS (50% glycerol)

Storage Instruction: Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to
-80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3593

Gene Symbol: IL12B

Gene Alias: CLMF, CLMF2, IL-12B, NKSF, NKSF2

Gene Summary: This gene encodes a subunit of interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen. Overexpression of this gene was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease. The promoter polymorphism of this gene has been reported to be associated with the severity of atopic and non-atopic asthma in children. [provided by RefSeq]