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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

IL7 (Human) Recombinant Protein

Catalog Number: P8303

Regulation Status: For research use only (RUO)

Product Description: Human IL7 (P13232, 26 a.a. - 177 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

HHHHHHDCDIEGKDGKQYESVLMVSIQLLDSMKEIG
SNCLNNEFNFFKRHICDANKEGMFLFRAARKLRQFLK
MNSTGDFDLHLLKVSEGTILLNCTGQVKGRKPAALG
EAQPTKSLEENKSLKEQKKNLNDLCFLKRLQEIKTWCN
KILMGTKEH

Host: *Escherichia coli*

Theoretical MW (kDa): 21.97

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 PBS pH 7.4 (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: 3574

Gene Symbol: IL7

Gene Alias: IL-7

Gene Summary: The protein encoded by this gene is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival. [provided by RefSeq]