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Produktinformation



Forschungsprodukte & Biochemikalien



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL2 (Human) Recombinant Protein

Catalog Number: P8243

Regulation Status: For research use only (RUO)

Product Description: Human IL2 (P60568, 21 a.a. - 153 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

APTSSSTKKTQLQLEHLLLDLQMLNGINNYKNPKLTR
MLTFKFYMPKKATELKHLCLEELKPLEEVLNLAQSK
NFHLRPRDLISINIVLELKGSETTFMCEYADETATIVE
FLNRWITFCQSIISTLT

Host: *Escherichia coli*

Theoretical MW (kDa): 20

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: > 90% by SDS-PAGE

Activity: The ED₅₀ is < 0.2 ng/mL as determined by the
dose-dependant stimulation of murine CTLL-2 cells,
corresponding to a specific activity of > 5.0 x 10⁶ IU/mg.

Recommend Usage: Biological Activity
SDS-PAGE

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

Storage Buffer: In 20mM Tris-HCl pH 8.0 (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: 3558

Gene Symbol: IL2

Gene Alias: IL-2, TCGF, lymphokine

Gene Summary: The protein encoded by this gene is a
secreted cytokine that is important for the proliferation of
T and B lymphocytes. The receptor of this cytokine is a
heterotrimeric protein complex whose gamma chain is
also shared by interleukin 4 (IL4) and interleukin 7 (IL7).
The expression of this gene in mature thymocytes is
monoallelic, which represents an unusual regulatory
mode for controlling the precise expression of a single
gene. The targeted disruption of a similar gene in mice
leads to ulcerative colitis-like disease, which suggests an
essential role of this gene in the immune response to
antigenic stimuli. [provided by RefSeq]