SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

IL7 (Human) Recombinant Protein

Catalog Number: P8301

Regulation Status: For research use only (RUO)

Product Description: Human IL7 (P13232, 26 a.a. - 177 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Sequence:
DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNE
FNFFKRHICDANKEGMFLFRAARKLRQFLKMNSTGDF
DLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSL
EENKSLKEQKKLNDLCFLKRLLQEIKTCWNKILMGTKE
H

Host: Escherichia coli

Theoretical MW (kDa): 17.4

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

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purity: > 97% by SDS-PAGE

Activity: The ED_{50} is < 0.5 ng/mL as determined by the dose-dependant stimulation of murine 2E8 cells, corresponding to a specific activity of 2.0 x 10^6 IU/mg.

Recommend Usage: Biological Activity
SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS pH 7.4

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]