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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL2RB (Human) Recombinant Protein

Catalog Number: P9742

Regulation Status: For research use only (RUO)

Product Description: Human IL2RB (NP_000869, 27 a.a. - 239 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.

Sequence:

AVNGTSQFTCFYNSRANISCVWSQDGALQDTSCQVH
AWPDRRRWNQTCELLPVSQASWACNLILGAPDSQKL
TTVDIVTLRVLCREGVRWRVMAIQDFKPFENLRMAPI
SLQVVHVETHRCNISWEISQASHYFERHLEFEARTLSP
GHTWEEAPLLTLKQKQEWICLETLPTDQYEFQVRVK
PLQGEFTTSPWSQPLAFRTKPAALGKD

Host: Human

Theoretical MW (kDa): 51.35

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

Form: Lyophilized

Preparation Method: Mammalian cell (Expi293, high-yield transient HEK293) expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein (determined by LAL method)

Activity: The affinity constant of 2.88 nM as determined in SPR assay (Biacore T200).

Recommend Usage: Biological Activity

SDS-PAGE

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

Storage Buffer: Lyophilized from sterile distilled Water is > 100 ug/mL

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: 3560

Gene Symbol: IL2RB

Gene Alias: CD122, P70-75

Gene Summary: The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein. [provided by RefSeq]