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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL12RB1 (Human) Recombinant Protein

Catalog Number: P8334

Regulation Status: For research use only (RUO)

Product Description: Human IL12RB1 (P42701, 1 a.a. - 545 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMGSMEPLVTWVPLLF
LFLLSRQGAACRTSECCFQDPPYPDADSGSASGPRDL
RCYRISSDRYECSWQYEGPTAGVSHFLRCCLSSGRC
CYFAAGSATRLQFSDQAGVSVLYTVTLWVESWARNQ
TEKSPEVTLQLYNSVKYEPPLGDIKVSCLAGQLRMEW
ETPDNQVGAEVQFRHRTSPSPWKLGDGCPQDDDTES
CLCPLEMNVAQEFQLRRRQLGSQGSWSKWSSPVC
VPPENPPQPQVRFVSVEQLGQDGRRLTLKEQPTQLEL
PEGCQGLAPGTEVTYRLQLHMLSCPCAKATRTHLGL
KMPYLSGAAYNVAVISSNQFGPLNQTWHIPADTHE
PVALNISVGTNGTTMYWPARAQSMYCIWQPVGQD
GGLATCSLTAPQDPDPAGMATYSWSRESGAMGQEK
CYYITIFASAHPEKLTWSTVLSTYHFGGNASAAGTPH
HVSVKNHSLDSVSDWAPSLSTCPGVLKEYVVRCD
EDSKQVSEHPVQPTETQVTLGRLAGVAYTVQVRADT
AWLRGVWSQPQRFSIEVQVSD

Host: *Escherichia coli*

Theoretical MW (kDa): 62.6

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

Recommend Usage: Biological Activity
SDS-PAGE

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

Storage Buffer: In 20mM Tris-HCl buffer pH 8.0 (10%
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: 3594

Gene Symbol: IL12RB1

Gene Alias: CD212, IL-12R-BETA1, IL12RB,
MGC34454

Gene Summary: The protein encoded by this gene is a
type I transmembrane protein that belongs to the
hemopoietin receptor superfamily. This protein binds to
interleukine 12 (IL12) with a low affinity, and is thought to
be a part of IL12 receptor complex. This protein forms a
disulfide-linked oligomer, which is required for its IL12
binding activity. The coexpression of this and IL12RB2
proteins was shown to lead to the formation of high-
affinity IL12 binding sites and reconstitution of IL12
dependent signaling. The lack of expression of this gene
was found to result in the immunodeficiency of patients
with severe mycobacterial and *Salmonella* infections.
Two alternatively spliced transcript variants of this gene
encoding distinct isoforms have been reported. [provided
by RefSeq]