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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
LFLLSRQGAACRTSECCFQDPYPDADSGSASGPRDL
RCYRISSDRYECSWQYEGPTAGVSHFLRCCLSSGRC
CYFAAGSATRLQFSDQAGVSVLYTVTLWVESWARNQ
TEKSPEVTLQLYNSVKYEPPLGDIKVSCLAGQLRMEW
ETPDNQVGAEVQFRHRTSPSPWKLGDGCPQDDDTES
CLCPLMNVAQEFQLRRRLGSGSSWSKWSSPVC
VPPENPPQPQVRFSEQLGQDGRRLTLKEQPTQLEL
PEGCQGLAPGTEVTYRLQLHMLSCPCAKATRTLHLG
KMPYLSGAAYNVAVISSNQFGPGLNQTHIPADTHTE
PVALNISVGTNGTTMYWPARAQSMTCIEWQPVGQD
GGLATCSLTAPQDPDPAGMATYSWSRESGAMGQEK
CYYITIFASAHPEKLTWSTVLSTYHFGGNASAAAGTPH
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]