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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL11 (Human) Recombinant Protein

Entrez GeneID: 3589

Catalog Number: P8322

Gene Symbol: IL11

Regulation Status: For research use only (RUO)

Gene Alias: AGIF, IL-11

Product Description: Human IL11 (P20809, 23 a.a. - 199 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Gene Summary: The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. [provided by RefSeq]

Sequence:

GPPPGPPRVSPDPRAELDSTVLLTRSLADTRQLAAQ
LRDKFPADGDHNLDSLPTLAMSAGALGALQLPGVLTR
LRADLLSYLRHVQWLRAGGSSSLKTLEPELGTQLARL
DRLLRRLQLLSRLALPQPPDPAPPLAPPSSAWGG
IRAAHAILGGLHLTLDWAVRGLLLKTRL

Host: *Escherichia coli*

Theoretical MW (kDa): 19.2

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: > 98% by SDS-PAGE

Activity: The ED₅₀ is < 10 ng/mL as determined by the
dose-dependant stimulation of the proliferation of murine
7TD1, corresponding to a specific activity of > 1.0 × 10⁵
IU/mg.

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.