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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL1F7 (Human) Recombinant protein

Catalog Number: P8853

Regulation Status: For research use only (RUO)

Product Description: Human IL1F7 (Q9NZH6, 27 a.a. - 192 a.a) partial recombinant protein expressed in *Escherichia Coli*.

Sequence:

MKNLNPKKFSIHDQDQDHKVLVLD SGNLI AVDPKNIYRPEI
FFALASSLSASA EK GSPILLGVSKGEFCLYCDKDKG
QSHPSLQLKKEKLMKLA AQKESARRPFIFYR_x005F_x
005F_x005F_x000D_x005F_x000D_x000D_ AQVGS
WNMLESAAHPGWFICTSCNCNEPVGVTDKFENRKHIE
FSFQPVCKAE_x005F_x005F_x005F_x000D_x005F_x
000D_x000D_ MSPSEVSD.

Host: *Escherichia coli*

Theoretical MW (kDa): 18.6

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: > 95% by SDS-PAGE.

Activity: As measured by the binding ability in a
functional ELISA, immobilized IL1F7 at 1 ug/mL (100
uL/well) can bind rhIL-18 R/Fc Chimera with a linear
range of 0.015 - 1 ug/mL.

Storage Buffer: Lyophilized from 20mM PB, 150mM
NaCl and 2mM DTT, pH 7.4.

Storage Instruction: Lyophilized although stable at
room temperature for 3 weeks. should be stored
desiccated below -20°C. Upon reconstitution should be
stored at 4°C between 2-7 days and for future use below
-20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 27178

Gene Symbol: IL1F7

Gene Alias: FIL1, FIL1(ZETA), FIL1Z, IL-1F7, IL-1H4,
IL-1RP1, IL1H4, IL1RP1

Gene Summary: The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]