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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL15RA (Human) Recombinant Protein

Catalog Number: P8350

Regulation Status: For research use only (RUO)

Product Description: Human IL15RA (Q13261, 31 a.a. - 205 a.a.) partial recombinant protein with hlgG-His tag at C-terminus expressed in Sf9 cells.

Sequence:

ADPITCPPPMMSVEHADIWVKSYSLYSRERYICNSGFKR
KAGTSSLTECVLNKATNVAHWTPSLKCIRDPAALVHQ
RPAPPSTVTTAGVTPQPESLSPSGKEPAASSPSSNNT
AATTAIVPGSQLMPSKSPSTGTTEISSHESSHGTPSQ
TTAKNWELTASASHQPPGVYPQGHSDTTLEPKSCDKT
HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTC
VVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN
STYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKT
ISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFY
PSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKL
TVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPG
KHHHHHH

Host: insect

Theoretical MW (kDa): 45.6

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

Form: Liquid

Preparation Method: Sf9 cell expression system

Purity: > 90% by SDS-PAGE

Activity: ED₅₀ is < 2 ng/mL with Human IL-15 as
determined by the ability to inhibit proliferation using
CTLL2 mouse cytotoxic T cells

Recommend Usage: Biological Activity
SDS-PAGE

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

Storage Buffer: In PBS pH 7.4 (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: 3601

Gene Symbol: IL15RA

Gene Alias: MGC104179

Gene Summary: The protein encoded by this gene is a cytokine receptor that specifically binds IL15 with high affinity. The receptors of IL15 and IL2 share two subunits, the IL2R beta and IL2R gamma chains. This forms the basis of many overlapping biological activities of IL15 and IL2. The IL2 receptor requires an additional IL2-specific alpha subunit for high affinity IL2 binding. This protein is structurally related to IL2R alpha, but is capable of binding IL15 with high affinity independent of other subunits, which suggests the distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. Multiple alternatively spliced transcript variants of this gene have been reported. The full length sequences of only two variants encoding distinct isoforms are available. [provided by RefSeq]