



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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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:**

ADPITCPPPMSVEHADIWVKSYSLYSRERYICNSGFKR  
KAGTSSLTECVLNKATNVAHWTTPSLKCIRDPALVHQ  
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:** ED<sub>50</sub> 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]