

Recombinant Rat IL15ra Protein, His&GST-tagged

Cat. No. IL15ra-1663R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL15ra Protein (Ile10-Thr239) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ile10-Thr239
Description	Predicted to enable interleukin-15 receptor activity and protein kinase binding activity. Involved in negative regulation of neuron projection development; receptor signaling pathway via JAK-STAT; and response to nutrient levels. Predicted to be located in cell surface and cytoplasmic vesicle. Predicted to be active in plasma membrane. Orthologous to human IL15RA (interleukin 15 receptor subunit alpha).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.8 kDa Accurate Molecular Mass: 60 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

IL15ra interleukin 15 receptor, alpha chain [*Rattus norvegicus* (Norway rat)]

Official Symbol

IL15ra

Synonyms

IL15RA; interleukin 15 receptor, alpha chain;

Gene ID

690369

mRNA Refseq

XM_002728509

Protein Refseq

XP_002728555

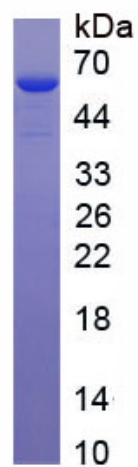
UniProt ID

F1M293

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