

## Recombinant Rat Il6r protein(Met1-Pro364), His-tagged

Cat. No. Il6r-1145R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Il6r (NP_058716.2) (Met1-Pro364) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-364 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to bind human IL6 in functional ELISA.
<b>Molecular Mass</b>	The recombinant rat Il6r consists 356 amino acids and predicts a molecular mass of 39.5 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [IL6r interleukin 6 receptor \[ Rattus norvegicus \]](#)

**Official Symbol** [IL6r](#)

**Synonyms** IL6R; interleukin 6 receptor; interleukin-6 receptor subunit alpha; IL-6RA; IL-6R 1; IL-6R-alpha; IL-6R subunit alpha; IL-6 receptor subunit alpha; interleukin 6 receptor, alpha; IL6R1; Il6ra;

**Gene ID** [24499](#)

**mRNA Refseq** [NM\\_017020](#)

**Protein Refseq** [NP\\_058716](#)

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