

**IL11ra1, 24-371aa, Rat, His tag, Baculovirus**

**Cat.NO.: TP02604**

3th Edition

**Synonyms:** Interleukin-11 receptor subunit alpha, IL11ra1, CRSDA, hCG\_2011440, I11RA\_HUMAN, IL-11 receptor subunit alpha, IL-11R subunit alpha, IL-11R-alpha, IL-11RA, IL11RA, Interleukin 11 receptor alpha.

**Description:** IL11ra1, also known as interleukin-11 receptor subunit alpha, is a subunit of the interleukin 11 receptor which is a member of the hematopoietic cytokine receptor family. It can utilize IL6ST for initiating signal transmission. It is expressed in a number of cell lines, including the myelogenous leukemia cell line K562, the megakaryocytic leukemia cell line Mo7E, the erythroleukemia cell line TF1, and the osteosarcoma cell lines, MG-63 and Saos-2. It is also expressed in normal and malignant prostate epithelial cell lines. Recombinant rat IL11ra1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:** 39.2kDa (356aa), 40-57kDa (SDS-PAGE under reducing conditions)

**Sequences:**

TPCPQAWGPPGVQYGQPGRPVMLCCPGVNAGTPVSWFRDGDSTRLLQGPDSGLGHRVLVAQVDSRDEGTYVCR  
TLDGVFGGMVTLKLGSPPARPEVSCQAVDYENFSCTWSPGRVSGLPTRYLTSYRKKTLPGAESQRESPSTGPWP  
CPQDPLEASRCVVHGAEFWSEYRINVTEVNPVGASTCLLDVRLQRLRPDPQGLRVESVPGYPRRLHASWTYP  
SWRRQPHFLLKFRLLQYRPAQHPAWSTVEPIGLEELITDAVAGLPHAVRVSARDFLDAGTWSAWSPEAWGTPSTGP  
LRDEVDPDGSRGHEQKLEAAQEDSPAPPSPSLQPDPRPLDHRDPLEQVAVLAVEHHHHHH

**Purity:** > 95% by HPLC

**Concentration:** 0.25mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.