

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:

TPCPQAWGPPGVQYGQPGRPVMLCCPGVNAGTPVSWFRDGDSTRLLQGPDSGLGHRLVLAQVDSRDEGTYVCR
TLDGVFGGMVTLKLGSPPARPEVSCQAVDYENFSCTWSPGRVSGLPTRYLTSYRKKTLPGAESQRESPSTGPWP
CPQDPLEASRCVVHGAEFWSEYRINVTEVNPLGASTCLLDVRLQRILRPDPPQGLRVESVPGYPRRLHASWTYP
SWRRQPHFLKFRLLQYRPAQHPAWSTVEPIGLEELITDAVAGLPHAVRVSARDFLDAGTWSAWSPEAWGTPSTGP
LRDEVPDGSRGHEQKLEAAAQEDSPAPPSPSLQPDPRLDHRDPLEQVAVLAVEHHHHHH

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.