

Recombinant Mouse Interleukin 11 Receptor, Alpha Chain 1

Cat. No. II11ra1-1759M Lot. No. (See product label)

SPECIFICATION

Species	Mouse
Source	Mammalian Cells
Description	Interleukin 11 receptor alpha (IL11RA) is a subunit of the interleukin 11 receptor that is expressed in hematopoietic and other organs. IL11RA is a functional target in bone metastasis and is considered as a candidate target in human osteosarcoma and provide leads for the development of novel imaging and therapeutic agents for the management of this malignant tumor.
Molecular Weight	The predicted molecular weight of Recombinant Mouse IL-11 R α is Mr 65 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 70-80 kDa.
State Of Matter	Lyophilized.
Purity	>97% by SDS Page and analyzed by silver stain.
Endotoxin	<0.1 ng per 1 g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

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GENE INFORMATION

Gene Name	Il11ra1 interleukin 11 receptor, alpha chain 1 [<i>Mus musculus</i>]
Synonyms	Il11ra1; interleukin 11 receptor, alpha chain 1; NR1; GP130; Il11ra; Il-11ra; Il11ra2; AI314697; locus 2; Il-11ra-alpha; OTTMUSP00000007071; OTTMUSP00000007072; OTTMUSP00000007073; OTTMUSP00000007074; interleukin 11 receptor, alpha chain 2
Gene ID	16157
mRNA Refseq	NM_001163401
Protein Refseq	NP_001156873
UniProt ID	Q64385
Chromosome Location	4 A5; 4 12.7 cM
Pathway	Cytokine-cytokine receptor interaction; Hematopoietic cell lineage; Jak-STAT signaling pathway
Function	cytokine receptor activity; interleukin-11 binding; interleukin-11 receptor activity; receptor activity

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