9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL11RA Rat

Interleukin 11 Receptor Subunit Alpha Rat Recombinant
CYK0362

Product Overview

Name	IL11RA Rat
Description	
Interleukin 11 Receptor Subunit Alpha Rat Recombinant	
Accession (Primary)	Q99MF4
Synonyms	
Interleukin-11 receptor subunit alpha, IL-11 receptor subunit alpha, IL-11R subunit alpha, IL-11R-alpha, IL-11RA, Il11ra1.	
Introduction	
Interleukin 11 Receptor Subunit Alpha (IL11RA) which belongs to the hematopoietic cytokine receptor family is a receptor for interleukin-11. Interleukin 11 is a stromal cell-derived cytokine which is a member of a family of pleiotropic and redundant cytokines that employ the gp130 transducing subunit in their high affinity receptors. This specific receptor is quite similar to ciliary neurotrophic factor, since both contain an extracellular region with a two-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 are able to utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex is involved in the control of proliferation and/or differentiation of skeletogenic progenitor or additional mesenchymal cells.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL11RA protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	

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TPCPQAWGPP GVQYGQPGRP VMLCCPGVNA GTPVSWFRDG DSRLLQGPDS GLGHRLVLAQ VDSRDEGTYV CRTLDGVFGG MVTLKLGSPP ARPEVSCQAV DYENFSCTWS PGRVSGLPTR YLTSYRKKTL PGAESQRESP STGPWPCPQD PLEASRCVVH GAEFWSEYRI NVTEVNPLGA STCLLDVRLQ RILRPDPPQG LRVESVPGYP RRLHASWTYP ASWRRQPHFL LKFRLQYRPA QHPAWSTVEP IGLEELITDA VAGLPHAVRV SARDFLDAGT WSAWSPEAWG TPSTGPLRDE VPDGSRGHEQ KLEAAAQEDS PAPPSPSLQP DPRPLDHRDP LEQVAVLA VE HHHHHH .

Precautions

IL11RA Rat is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99MF4)