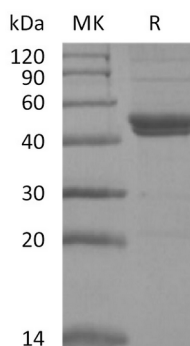


概述 (Summary)

英文全称	IL-11 R alpha/IL-11RA
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse Interleukin-11 Receptor Subunit Alpha-1 is produced by our Mammalian expression system and the target gene encoding Ser24-Gln367 is expressed with a 6His tag at the C-terminus.
Accession #	Q64385
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	38.5 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse IL-11RA (C-6His)
Catalog #: PHM2247



背景 (Background)

分子别名 (Alternative Names)

IL-11 R alpha; IL11R alpha; IL11RA; IL-11Ra; Il11ra2; NR1

背景介绍 (References)

Interleukin 11 receptor alpha (IL 11 R alpha, IL 11 R alpha 1) originally designated NR1 in mouse, is a 49 kDa type I transmembrane protein that is a member of the gp130 subfamily of the hematopoietic cytokine receptor family. IL-11 R alpha first binds IL 11 with low affinity, then forms a high affinity receptor when complexed with gp130 homodimers. IL 11 R alpha is also anti-apoptotic for colonic epithelia, and increased IL 11 signaling may be a factor in inflammation-associated gastrointestinal cancer development. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells. Essential for the normal development of craniofacial bones and teeth. A soluble form (sIL11RA) can act as an antagonist of IL11-dependent cell differentiation in cells where both transmembrane IL11RA and IL6ST are present.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.