产品名称：Recombinant Mouse IL-11RA (C-6His)
产品货号：PHM2247

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
表达宿主（Host）	Human Cells
种属（Species）	Mouse
预测分子量（Predicted MW）	38.5 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
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）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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）

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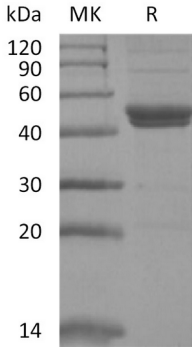

背景（Background）

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）

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