

IL-9, Mouse, Recombinant

货号：PCK246

产品信息

别名	Interleukin-9; IL-9; Cytokine P40; T-Cell Growth Factor P40; IL9
物种	Mouse
表达宿主	Human Cells
序列信息	Gln19-Pro144
检索号	P15247
分子量	15.2 kDa
标签	C-6His

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per μg as determined by LAL test.
保存	Lyophilized protein should be stored at $-5\sim-20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $-5\sim-20^{\circ}\text{C}$ for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a $0.2\ \mu\text{m}$ filtered solution of PBS, pH7.4.



复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Interleukin-9 (IL-9) is a secreted Protein that belongs to the IL-7/ IL-9 family. Mature mouse IL-9 shares 57% and 74% amino acid sequence identity with human and rat IL-9, respectively. IL-9 supports IL-2 independent and IL-4 independent growth of helper T-cells. IL-9 stimulates cell proliferation and prevents apoptosis. It functions through the IL-9 Receptor (IL-9R), which activates different signal transducer and activator (STAT) Proteins and thus connects this Cytokine to various biological processes. IL-9 has been identified as a candidate gene for asthma. IL-9 is a determining factor in the pathogenesis of bronchial hyperresponsiveness.

SDS-PAGE

