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IL9, 1-144aa, Human, His tag, Insect cell

产品货号: TP02650

第三版

别名: Interleukin-9, HP40, IL-9; P40

描述: Interleukin 9, also known as IL-9, is a cytokine (cell signalling molecule) belonging to the group of interleukins. This protein produced by T-cells and specifically by CD4+ helper cells that acts as a regulator of a variety of hematopoietic cells and stimulates cell proliferation and prevents apoptosis. It functions through the interleukin-9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. Recombinant human IL9, fused to His-tag at C-terminus, was expressed in Sf9 and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol.

分子量: 14.9kDa (132aa) Multiple bands between 18-28kDa, reducing conditions.

序列:

QGCPFLAGILDINFLINKMQEDPASKCHCSANVTSCCLGLGIPSDNCTRPCFSERLSQMTNTTMQTRYPLIFSRVKKSVEVLK
NNKCPYFSCEQPCNQTTAGNALTFLKSLLEIFQKEKMRGMRGKIHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by BCA assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.