

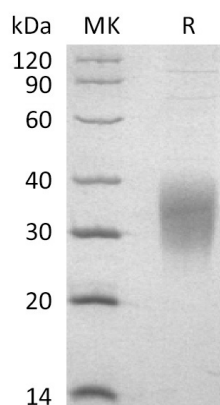
重组小鼠白介素9(IL-9)

IL-9, Recombinant Mouse Interleukin-9(C-6His)

Cat. No.: MA1390-1 Size: 10μg

Source:	Human Cells
Description:	Recombinant Mouse Interleukin-9 is produced by our Mammalian expression system and the target gene encoding Gln19-Pro144 is expressed with a 6His tag at the C-terminus.
Accession:	P15247
Known As:	Interleukin-9; IL-9; Cytokine P40; T-Cell Growth Factor P40; IL9
Predicted Mol Mass:	15.2 KDa
Apparent Mol Mass:	28-42 KDa, reducing conditions
Endotoxin:	< 1 EU/μg as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
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.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
Background:	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.
Purity-SDS-PAGE:	





Greater than 95% as determined by reducing SDS-PAGE.

S250101

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