

Recombinant Mouse IL9 protein, His-tagged

Cat. No. IL9-1539M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL9 protein(P15247)(Gln19-Pro144), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	C-His
ProteinLength	Gln19-Pro144
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is < 3 ng/mL.
Molecular Mass	The protein has a predicted MW of 15.4 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL9 interleukin 9 [*Mus musculus*]

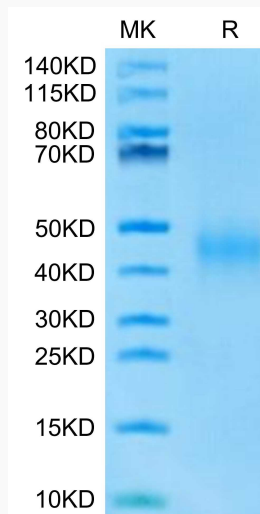
Official Symbol IL9

Synonyms IL9; interleukin 9; interleukin-9; cytokine P40; T-cell growth factor P40; P40; IL-9;

Gene ID 16198

mRNA Refseq NM_008373

Protein Refseq NP_032399

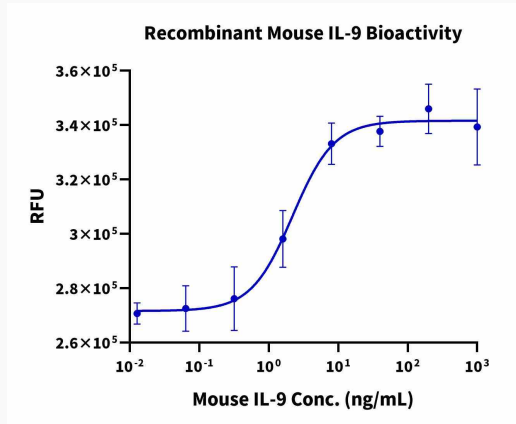
Tris-Bis PAGE


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Cell Based Assay



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