Active Recombinant Mouse Il9 protein, His-tagged, Low Endotoxin

Cat. No. Il9-1059M **Lot. No.** (See product label)

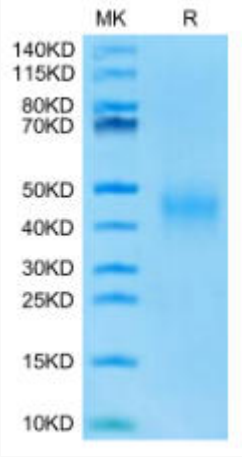
SPECIFICATION

Product Overview	Recombinant Mouse Il9 protein(P15247)(19-144 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-144 aa
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 Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

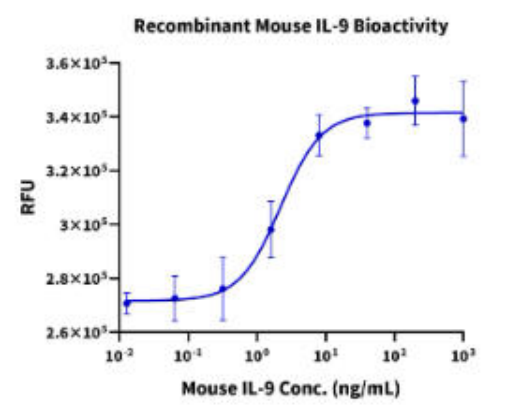
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	for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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
Bis-Tris PAGE	

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Cell Based Assay	

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