

Recombinant Human IL9 protein, hFc-tagged

Cat. No. IL9-4743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL9 protein(P15248)(Gln19-Ile144), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln19-Ile144
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human IL-9, hFc Tag at 0.5ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-IL-9 Antibody, hFc Tag with the EC50 of 18.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.9 kDa. Due to glycosylation, the protein migrates to 50-70 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	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [IL9 interleukin 9 \[Homo sapiens \]](#)

Official Symbol [IL9](#)

Synonyms

IL9; interleukin 9; interleukin-9; homolog of mouse T cell and mast cell growth factor 40; HP40; IL 9; P40; p40 cytokine; p40 T cell and mast cell growth factor; T cell growth factor p40; cytokine P40; T-cell growth factor p40; p40 T-cell and mast cell growth factor; IL-9;

Gene ID [3578](#)

mRNA Refseq [NM_000590](#)

Protein Refseq [NP_000581](#)

MIM [146931](#)

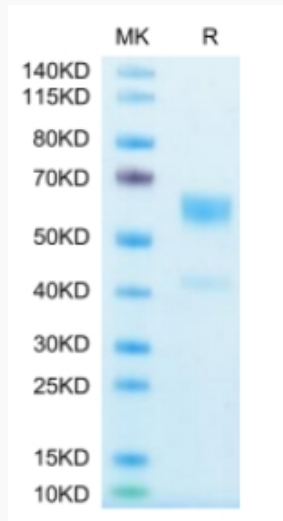
UniProt ID [P15248](#)

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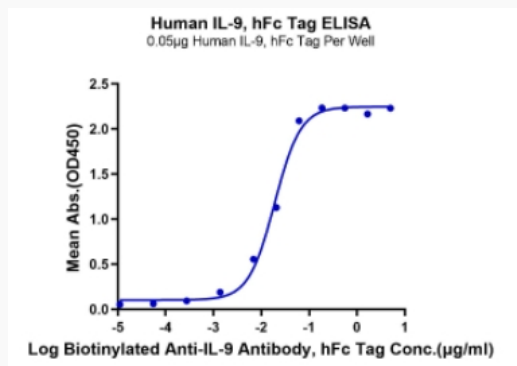
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Tris-Bis PAGE



ELISA Data



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