

IL-9 Recombinant Protein | IL9 recombinant protein

Recombinant Human IL-9 Protein

CATALOG #
AAA283411

HOST
HEK293 cells

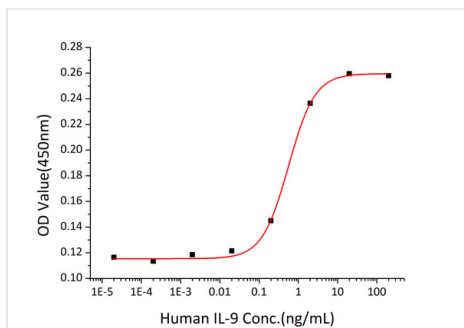
PRODUCT SYNONYMS

IL-9; Recombinant Human IL-9 Protein; P40; HP40; IL9; IL9 recombinant protein

PRODUCT SPECIFICATIONS

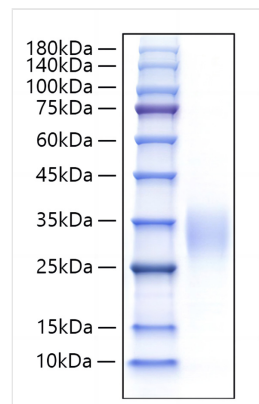
Host	HEK293 cells
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	QGCPFLAGIL DINFLINKMQ EDPASKCHCS ANVTSCCLCG IPSDNCTRPC FSERLSQMTN TTMQTRYPLI FSRVKKSVEV LKNNKCPYFS CEQPCNQTTA GNALTFLKSL LEIFQKEKMR GMRGKI
Species	Human
Endotoxin	<0.1EU/ug of the protein by LAL method.
Bio-Activity	Measured in a cell proliferation assay using M07e human megakaryocytic leukemic cells. The ED50 for this effect is 0.28-1.12ng/mL, corresponding to a specific activity of $8.9 \times 10^5 \sim 3.6 \times 10^6$ units/mg.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Recombinant Human IL-9 Protein promote the proliferation of M07e human megakaryocytic leukemic cells. The ED50 for this effect is 0.28-1.12 ng/mL, corresponding to a specific activity of $8.9 \times 10^5 \sim 3.6 \times 10^6$ units/mg.



SDS-PAGE

Recombinant Human IL-9 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-40 KD.

ADDITIONAL INFORMATION

Related Product Information for IL9 recombinant protein

Interleukin 9, also known as IL-9, is a cytokine (cell signaling molecule) belonging to the group of interleukins. IL-9 is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL-9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834980
NCBI GeneID	3578
NCBI Accession #	NP_000581.1
NCBI GenBank Nucleotide #	NM_000590.1
UniProt Accession #	P15248
UniProt Protein Name	Interleukin-9
UniProt Gene Name	IL9
UniProt Synonym Gene Names	IL-9
UniProt Entry Name	IL9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il9-recombinant-protein-hek293-cells/283411>