

IL-9 recombinant protein

Recombinant Human IL-9 Protein

CATALOG #
AAA282582

HOST
HEK293 cells

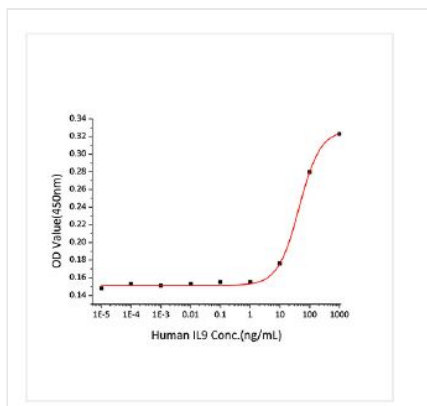
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

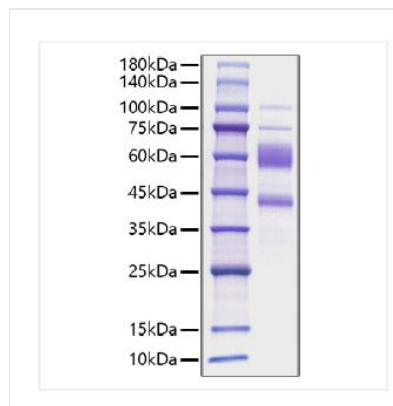
Host	HEK293 cells
Purity/Purification	> 90% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-hFc
Bioactivity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. Avanzi, G. et al. (1988) Br. J. Haematol. 69:359. The ED50 for this effect is 21.91-87.64 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Recombinant Human IL-9 stimulates cell proliferation of the MO7e human megakaryocytic leukemic cells. The ED50 for this effect is 21.91-87.64 ng/mL.



SDS-PAGE

Active Recombinant Human IL-9 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-70 kDa.

ADDITIONAL INFORMATION

Related Product Information for IL-9 recombinant protein

Recombinant Human IL-9 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln19-Ile144) of human IL-9 (Accession #) fused with and a hFc tag at the C-terminus.

Product Categories/Family for IL-9 recombinant protein

[Cytokines & Cytokine receptors](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834980
NCBI GeneID	3578
NCBI Accession #	NP_000581.1
NCBI GenBank Nucleotide #	NM_000590.1
UniProt Accession #	P15248
Molecular Weight	15,909 Da
NCBI Official Full Name	interleukin-9
NCBI Official Synonym Full Names	interleukin 9
NCBI Official Symbol	IL9
NCBI Official Synonym Symbols	P40; HP40; IL-9
NCBI Protein Information	interleukin-9; cytokine P40; p40 cytokine; T-cell growth factor p40; p40 T-cell and mast cell growth factor; homolog of mouse T cell and mast cell growth factor 40
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/282582>