

## IL-9 recombinant protein

Recombinant Mouse IL-9 Protein

CATALOG #  
**AAA282597**

HOST  
**HEK293 cells**

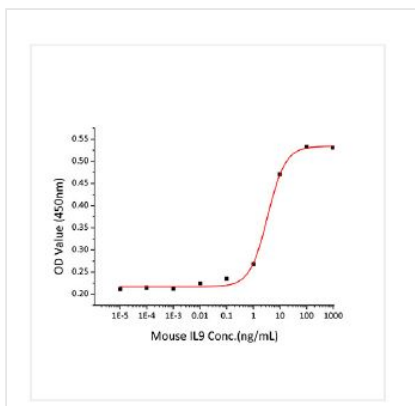
### PRODUCT SYNONYMS

IL-9; Recombinant Mouse IL-9 Protein; P40; IL-9; IL9; IL-9 recombinant protein

### PRODUCT SPECIFICATIONS

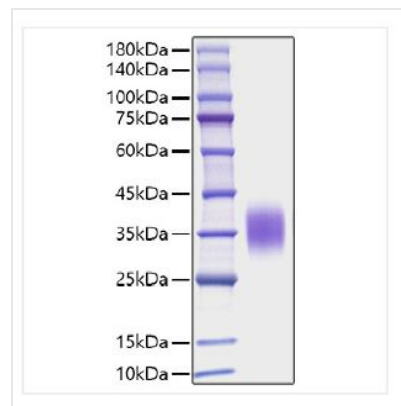
|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                  |
| Purity/Purification     | > 97% by SDS-PAGE.                                                                                                                                                                                                                            |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                        |
| Species                 | Mouse                                                                                                                                                                                                                                         |
| Tag                     | C-6His                                                                                                                                                                                                                                        |
| 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 1.72-6.88 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.<br>Ship: Ice Pack |

### IMAGES



#### Application Data

Recombinant Mouse IL-9 stimulates cell proliferation of the MO7e human megakaryocytic leukemic cells. The ED50 for this effect is 1.72-6.88 ng/mL.



#### SDS-PAGE

Recombinant Mouse IL9 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 15.6 kDa.

### ADDITIONAL INFORMATION

#### Related Product Information for IL-9 recombinant protein

Recombinant Mouse IL-9 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln19-Pro144) of mouse IL9 (Accession #NP\_032399.1) fused with and a 6×His tag at the C-terminus.

#### Product Categories/Family for IL-9 recombinant protein

[Cytokines & Cytokine receptors](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 6680437                                               |
| NCBI GeneID                      | 16198                                                 |
| NCBI Accession #                 | NP_032399.1                                           |
| NCBI GenBank Nucleotide #        | NM_008373.1                                           |
| UniProt Accession #              | P15247                                                |
| Molecular Weight                 | 16,075 Da                                             |
| NCBI Official Full Name          | interleukin-9                                         |
| NCBI Official Synonym Full Names | interleukin 9                                         |
| NCBI Official Symbol             | IL9                                                   |
| NCBI Official Synonym Symbols    | P40; IL-9                                             |
| NCBI Protein Information         | interleukin-9; T-cell growth factor P40; cytokine P40 |
| UniProt Protein Name             | Interleukin-9                                         |
| UniProt Gene Name                | IL9                                                   |
| UniProt Synonym Gene Names       | IL-9                                                  |
| UniProt Entry Name               | IL9_MOUSE                                             |

**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/282597>