

IL-5 recombinant protein

Recombinant Mouse IL-5 Protein

CATALOG # AAA282590	HOST HEK293 cells
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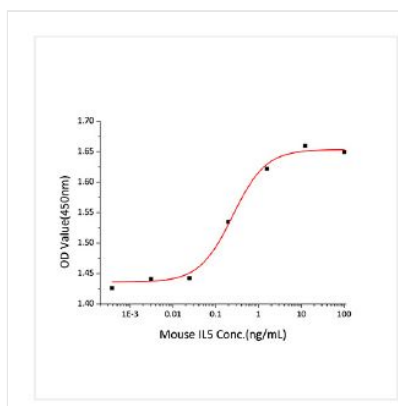
PRODUCT SYNONYMS

IL-5; Recombinant Mouse IL-5 Protein; IL-5; IL5; IL-5 recombinant protein

PRODUCT SPECIFICATIONS

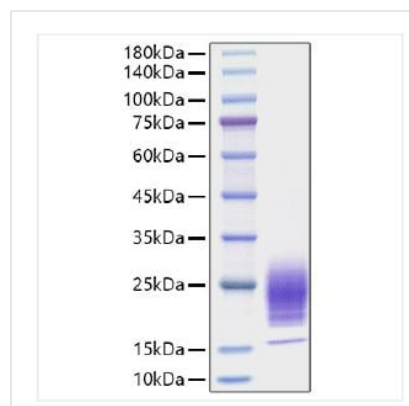
Host	HEK293 cells
Purity/Purification	> 97% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	C-6His
Bioactivity	Measured in a cell proliferation assay using TF-1 Mouse erythroleukemic cells. The ED50 for this effect is 0.12-0.49ng/mL.
Preparation 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 Mouse IL-5 stimulates cell proliferation of the TF-1 Mouse erythroleukemic cells. The ED50 for this effect is 0.12-0.49ng/mL.



SDS-PAGE

Active Recombinant Mouse IL-5 Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 18-25 kDa.

ADDITIONAL INFORMATION

Related Product Information for IL-5 recombinant protein	Recombinant Mouse IL-5 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met21-Gly133) of mouse IL-5 (Accession #NP_034688.1) fused with and a 6×His tag at the C-terminus.
Product Categories/Family for IL-5 recombinant protein	Cytokines & Cytokine receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754336
NCBI GeneID	16191
NCBI Accession #	NP_034688.1
NCBI GenBank Nucleotide #	NM_010558.1
UniProt Accession #	P04401
Molecular Weight	15,410 Da
NCBI Official Full Name	interleukin-5
NCBI Official Synonym Full Names	interleukin 5
NCBI Official Symbol	IL5
NCBI Official Synonym Symbols	IL-5
NCBI Protein Information	interleukin-5; B-cell growth factor II; BCGF-II; T-cell replacing factor; TRF; cytotoxic T-lymphocyte inducer; eosinophil differentiation factor
UniProt Protein Name	Interleukin-5
UniProt Gene Name	IL5
UniProt Synonym Gene Names	IL-5; IL-5; BCGF-II; TRF
UniProt Entry Name	IL5_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/il5-recombinant-protein-hek293-cells/282590>