

IL-3 recombinant protein

Biotinylated Human IL-3 Protein Recombinant

CATALOG #	HOST
AAA76214	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

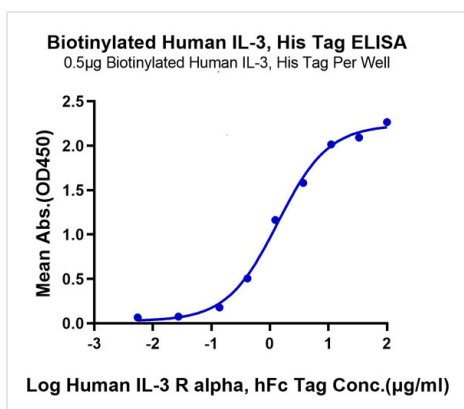
PRODUCT SYNONYMS

IL-3; Biotinylated Human IL-3 Protein Recombinant; IL-3 recombinant protein

PRODUCT SPECIFICATIONS

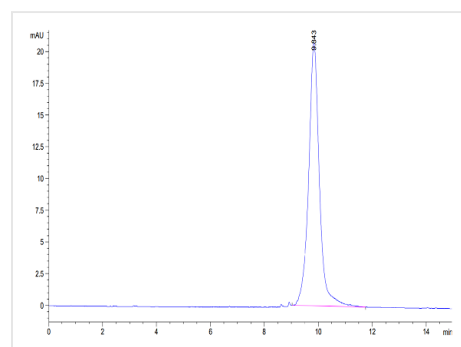
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IL-3 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IL-3 including a N-His-Avi tag was expressed in HEK293 Cells.The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Growth-factor, Cytokine
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



ELISA

Biotinylated Human IL-3 Protein ELISA Data: Immobilized Biotinylated Human IL-3, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human IL-3 R alpha, hFc Tag with the EC50 of 1.3µg/ml determined by ELISA.



Application Data

Biotinylated Human IL-3 Protein SEC-HPLC: The purity of Biotinylated Human IL-3 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human IL-3 Protein Tris-Bis PAGE Biotinylated Human IL-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IL-3 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	3002475
NCBI GeneID	3562
UniProt Accession #	P08700; P26951 IL3RA_HUMAN; P32927 IL3RB_HUMAN
Molecular Weight	17,233 Da
NCBI Official Full Name	IL-3
NCBI Official Synonym Full Names	interleukin 3 (colony-stimulating factor, multiple)
NCBI Official Symbol	IL3
NCBI Official Synonym Symbols	IL-3; MCGF; MULTI-CSF
NCBI Protein Information	interleukin-3; mast cell growth factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; hematopoietic growth factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor
UniProt Protein Name	Interleukin-3
UniProt Gene Name	IL3
UniProt Synonym Gene Names	IL-3; MCGF
UniProt Entry Name	IL3_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/il3-recombinant-protein-hek293-cells/76214>