

IL-13 recombinant protein

Biotinylated Human IL-13 Protein Recombinant

CATALOG #	HOST
AAA76178	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

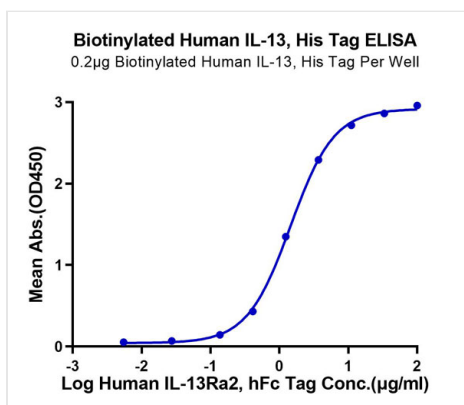
PRODUCT SYNONYMS

IL-13; Biotinylated Human IL-13 Protein Recombinant; IL-13 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-13 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IL-13 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).
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-13 Protein ELISA Data: Immobilized Biotinylated Human IL-13, His Tag at 2 µg/ml (100 µl/well) on the streptavidin (5 µg/ml) precoated plate. Dose response curve for Human IL-13Ra2, hFc Tag with the EC₅₀ of 1.4 µg/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human IL-13 Protein Tris-Bis PAGE: Biotinylated IL-13 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IL-13 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Recombinant Human IL-13 is a protein consisting of amino acid residues [Gly21-Asn132]. The protein has a predicted MW of 15.3 kDa. Due to glycosylation, the protein migrates to 15 kDa and 35-45 kDa based on Tris-Bis PAGE result.
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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/il-13-recombinant-protein-hek293-cells/76178>