

IL R alpha/CD123 Recombinant Protein | ILRalpha/CD123 recombinant protein

Biotinylated Human IL R alpha/CD123 Protein Recombinant

CATALOG #	HOST
AAA76322	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

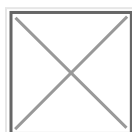
PRODUCT SYNONYMS

IL R alpha/CD123; Biotinylated Human IL R alpha/CD123 Protein Recombinant; ILRalpha/CD123 recombinant protein

PRODUCT SPECIFICATIONS

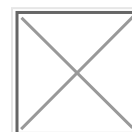
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IL-3 R alpha/CD123 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IL-3 R alpha/CD123 including a C-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	Receptor
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



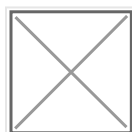
ELISA

Biotinylated Human IL-3 R alpha/CD123 Protein ELISA Data: Immobilized Anti-IL-3 R alpha Antibody, hFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human IL-3 R alpha, His Tag with the EC50 of 9.9 ng/ml determined by ELISA.



Application Data

Biotinylated Human IL-3 R alpha/CD123 Protein SEC-HPLC: The purity of Biotinylated Human IL-3 R alpha is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human IL-3 R alpha/CD123 Protein Tris-Bis PAGE: Biotinylated Human IL-3 R alpha on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for ILRalpha/CD123 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	417184
NCBI GeneID	3563
UniProt Accession #	P26951; P08700 IL3_HUMAN
Molecular Weight	34,466 Da
NCBI Official Full Name	Interleukin-3 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 3 receptor, alpha (low affinity)
NCBI Official Symbol	IL3RA
NCBI Official Synonym Symbols	IL3R; CD123; IL3RX; IL3RY; IL3RAY; hIL-3Ra
NCBI Protein Information	interleukin-3 receptor subunit alpha; IL-3RA; IL-3R-alpha; CD123 antigen; IL-3R subunit alpha; IL-3 receptor subunit alpha; IL-3 receptor alpha SP2 isoform
UniProt Protein Name	Interleukin-3 receptor subunit alpha
UniProt Gene Name	IL3RA
UniProt Synonym Gene Names	IL3R; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA
UniProt Entry Name	IL3RA_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/il3ra-recombinant-protein-hek293-cells/76322>