

IL-2 R alpha/CD25 Recombinant Protein | IL-2Ralpha/CD25 recombinant protein

Biotinylated Human IL-2 R alpha/CD25 Protein Recombinant

CATALOG #	HOST
AAA76252	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

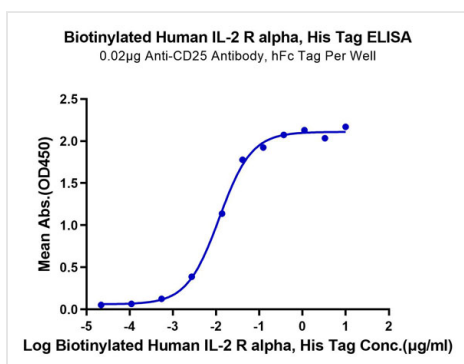
PRODUCT SYNONYMS

IL-2 R alpha/CD25; Biotinylated Human IL-2 R alpha/CD25 Protein Recombinant; IL-2Ralpha/CD25 recombinant protein

PRODUCT SPECIFICATIONS

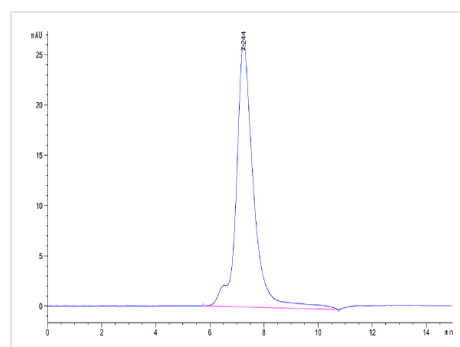
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IL-2 R alpha/CD25 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IL-2 R alpha/CD25 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).
Biological Process	Immunity, 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-2 R alpha/CD25 Protein ELISA Data: Immobilized Anti-CD25 Antibody, hFc Tag at 0.2 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human IL-2 R alpha, His Tag with the EC50 of 11.9 ng/ml determined by ELISA.



Application Data

Biotinylated Human IL-2 R alpha/CD25 Protein SEC-HPLC: The purity of Biotinylated Human IL-2 R alpha is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human IL-2 R alpha/CD25 Protein Tris-Bis PAGE Biotinylated Human IL-2 R alpha on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IL-2 Ralpha/CD25 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557667
NCBI GeneID	3559
NCBI Accession #	NP_000408.1
NCBI GenBank Nucleotide #	NM_000417.2
UniProt Accession #	P01589; P14784 IL2RB_HUMAN
Molecular Weight	30,819 Da
NCBI Official Full Name	interleukin-2 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 2 receptor, alpha
NCBI Official Symbol	IL2RA
NCBI Official Synonym Symbols	CD25; IL2R; TCGFR; IDDM10
NCBI Protein Information	interleukin-2 receptor subunit alpha; p55; IL2-RA; IL-2-RA; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha
UniProt Protein Name	Interleukin-2 receptor subunit alpha
UniProt Gene Name	IL2RA
UniProt Synonym Gene Names	IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA
UniProt Entry Name	IL2RA_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/il2ra-recombinant-protein-hek293-cells-note-host-protein-expression-may-be-lot-specific-and-can-be-subject-to-change-during-production-including-bulk-orders/76252>