

IL-2 R beta/CD122 Recombinant Protein | IL-2Rbeta/CD122 recombinant protein

Biotinylated Human IL-2 R beta/CD122 Protein Recombinant

CATALOG #	HOST
AAA76306	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

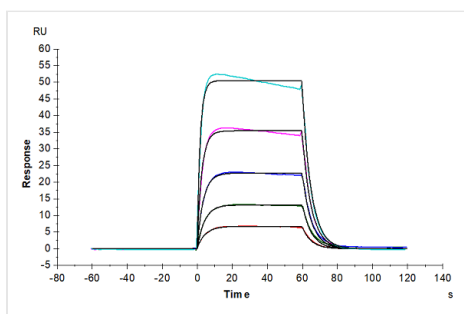
PRODUCT SYNONYMS

IL-2 R beta/CD122; Biotinylated Human IL-2 R beta/CD122 Protein Recombinant; IL-2Rbeta/CD122 recombinant protein

PRODUCT SPECIFICATIONS

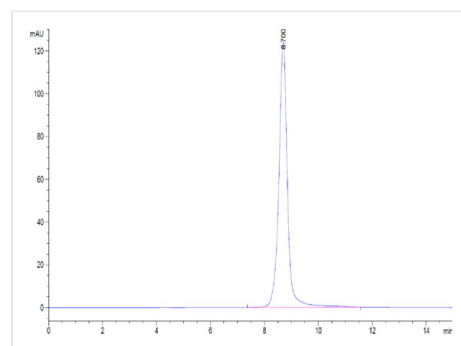
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IL-2 R beta/CD122 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IL-2 R beta/CD122 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).
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



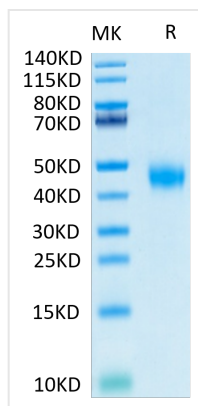
Application Data

Biotinylated Human IL-2 R beta/CD122 Protein SPR Data: Biotinylated Human IL-2 R beta, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human IL-2, No Tag with an affinity constant of 0.101 μ M as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human IL-2 R beta/CD122 Protein SEC-HPLC: The purity of Biotinylated Human IL-2 R beta is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human IL-2 R beta/CD122 Protein Tris-Bis PAGEBiotinylated Human IL-2 R beta on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IL-2Rbeta/CD122 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504665
NCBI GeneID	3560
NCBI Accession #	NP_000869
NCBI GenBank Nucleotide #	NM_000878
UniProt Accession #	P14784; B2R765
Molecular Weight	61,117 Da
NCBI Official Full Name	interleukin-2 receptor subunit beta
NCBI Official Synonym Full Names	interleukin 2 receptor, beta
NCBI Official Symbol	IL2RB
NCBI Official Synonym Symbols	CD122; IL15RB; P70-75
NCBI Protein Information	interleukin-2 receptor subunit beta; CD122 antigen; IL-2 receptor subunit beta; IL-2R subunit beta; IL-2RB; high affinity IL-2 receptor beta subunit; high affinity IL-2 receptor subunit beta; interleukin 15 receptor, beta; p75
UniProt Protein Name	Interleukin-2 receptor subunit beta
UniProt Gene Name	IL2RB
UniProt Synonym Gene Names	IL-2 receptor subunit beta; IL-2R subunit beta; IL-2RB; p75
UniProt Entry Name	IL2RB_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/il2rb-recombinant-protein-hek293-cells/76306>