

IL-2RB (CD122) Recombinant Protein | CD122 recombinant protein

Human IL-2RB Recombinant (CD122)

CATALOG #	HOST
AAA76081	HEK293 Cells (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)

PRODUCT SYNONYMS

IL-2RB (CD122); Human IL-2RB Recombinant (CD122); Human CD122 Recombinant (IL2RB) ; CD122; IL2RB; il-2Rb; il2R; CD122 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)
Purity/Purification	>97%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant IL-2RB is supplied as a lyophilized 0.2 um filtered PBS solution, pH7.2.
Sequence Length	551
Domain	Extracellular
Host Note	Optimized DNA sequence encoding extracellular domain of human Interleukin-2 receptor beta subunit including an Fc tag was expressed in HEK293 cells.
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 Weight Note	Recombinant IL2RB is a monomer protein consisting of 451 amino acid residue subunits, due to glycosylation migrates as an approximately 60kDa protein on SDS-PAGE.
Preparation and Storage	Recombinant IL2RB, as supplied, can be stored in working aliquots at 2 degree - 8 degree C for one month, or at -20 degree C to -70 degree C for twelve months. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for CD122 recombinant protein	Receptors CD
References	- late expression of granulysin by microbicidal cd4+ t cells requires pi3k- and stat5-dependent expression of il-2r? that is defective in hiv-infected patients .<i>J. Immunol.</i>, Jun 2008; 180: 7221 - 7229. - quantitative assessment concerning the contribution of il-2rβ for superantigen-mediated t cell responses in vivo .<i>Int. Immunol.</i>, Apr 2006; 18: 565 - 572. - il-2 responsiveness of cd4 and cd8 lymphocytes: further investigations with human il-2rβ transgenic mice .<i>Int. Immunol.</i>, Aug 2005; 17: 1093 - 1102. - endogenous il-15 sustains recruitment of il-2r and common and il-2-mediated chemokine production in normal and inflamed human gingival fibroblasts .<i>J. Immunol.</i>, Oct 2004; 173: 5180 - 5188. - t cell proliferation due to 4-1bb is dependent upon il-2rβ and results in functional expression of ctla-4 .<i>AACR Meeting Abstracts</i>, Mar 2004; 2004: 1087.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504665
NCBI GeneID	3560

NCBI Accession #	NP_000869.1
NCBI GenBank Nucleotide #	NM_000878.3
UniProt Accession #	P14784; B2R765
Molecular Weight	61,117 Da
NCBI Official Full Name	interleukin-2 receptor subunit beta
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/76081>