

IL-2 recombinant protein

Biotinylated Mouse IL-2 Protein Recombinant

CATALOG #	HOST
AAA76304	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

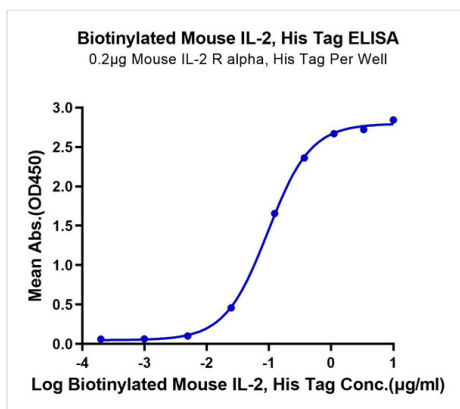
PRODUCT SYNONYMS

IL-2; Biotinylated Mouse IL-2 Protein Recombinant; IL-2 recombinant protein

PRODUCT SPECIFICATIONS

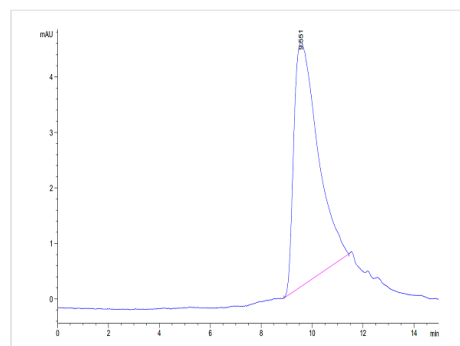
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Mouse IL-2 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA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



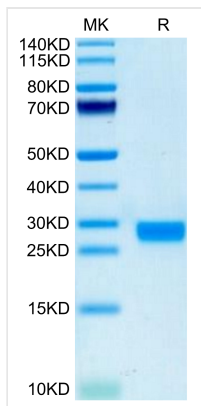
ELISA

Biotinylated Mouse IL-2 Protein ELISA Data: Immobilized Mouse IL-2 R alpha, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Mouse IL-2, His Tag with the EC50 of 95.8ng/ml determined by ELISA.



Application Data

Biotinylated Mouse IL-2 Protein SEC-HPLC: The purity of Biotinylated Mouse IL-2 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Mouse IL-2 Protein Tris-Bis PAGE Biotinylated Mouse IL-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

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

NCBI GI #	7110653
NCBI GeneID	16183
NCBI Accession #	NP_032392.1
NCBI GenBank Nucleotide #	NM_008366.3
UniProt Accession #	P04351; P97945; Q791T3
Molecular Weight	43,000
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	IL2
NCBI Official Synonym Symbols	IL-2
NCBI Protein Information	interleukin-2; TCGF; T-cell growth factor
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; IL-2; TCGF
UniProt Entry Name	IL2_MOUSE

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/il2-recombinant-protein-hek293-cells/76304>