

Interleukin-2/IL-2) Biotinylated Active Protein | IL-2 active protein

Recombinant Human Interleukin-2/IL-2 (C-6His-Avi) Biotinylated

CATALOG #
AAA177957

HOST
Human Cells

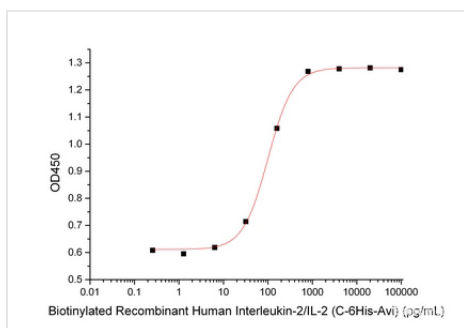
PRODUCT SYNONYMS

Interleukin-2/IL-2) Biotinylated; Recombinant Human Interleukin-2/IL-2 (C-6His-Avi) Biotinylated; Interleukin-2; IL-2; T-Cell Growth Factor; TCGF; Aldesleukin; IL2; IL-2 active protein

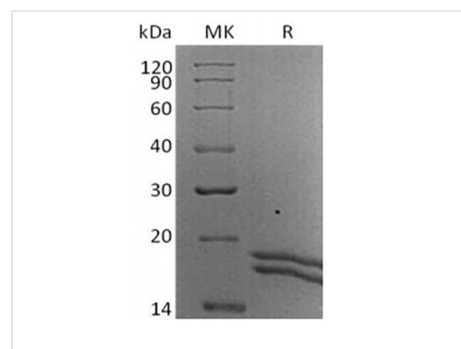
PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>90% as determined by reducing SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution of PBS, pH7.4.
Sequence	Ala21-Thr153
Species	Human
Tag	C-6His-Avi
Endotoxin	<1.0EU per ug as determined by the LAL method.
Protein Construction	Biotinylated Recombinant Human Interleukin-2 is produced by our Mammalian expression system and the target gene encoding Ala21-Thr153 is expressed with a 6His, Avi tag at the C-terminus.
Activity	Measured in a cell proliferation assay using CTLL ² mouse cytotoxic T cells. The ED50 for this effect is 0.2ng/mL.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



Bioactivity



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IL-2 active protein	Interleukin-2(IL-2) is an interleukin, a type of cytokine signaling molecule in the immune system, belongs to the IL-2 family. It is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions that are essential for the immune response. IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes.
Product Categories/Family for IL-2 active protein	immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	28178861
NCBI GeneID	3558
NCBI Accession #	NP_000577.2
NCBI GenBank Nucleotide #	NM_000586.3
UniProt Accession #	P60568; P01585
Molecular Weight	17,628 Da
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	IL2
NCBI Official Synonym Symbols	IL-2; TCGF; lymphokine
NCBI Protein Information	interleukin-2; aldesleukin; T cell growth factor; involved in regulation of T-cell clonal expansion
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; TCGF
UniProt Entry Name	IL2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-cells-active-protein/interleukin-2-il-2-biotinylated/177957>