

Interleukin 2 (IL2) Recombinant Protein | IL2 recombinant protein

Recombinant Interleukin 2 (IL2)

CATALOG # AAA134007	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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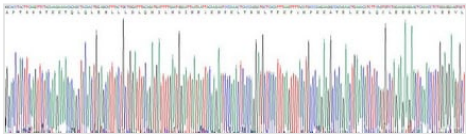
PRODUCT SYNONYMS

Interleukin 2 (IL2); Recombinant Interleukin 2 (IL2); IL2 recombinant protein

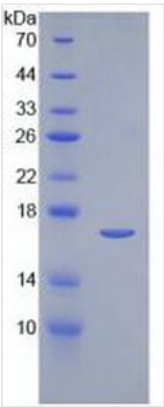
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-AP TSSSTKKTQL QLEHLLDLQ MILNGINNYK NPKLTRMLTF KFYMPKKATE LKHLQCLEEE LKPLEEVNL AQSKNFHLRP RDLISNINVI VLELKGSETT FMCEYADETA TIVEFLNRWI TFCQSIISTL T
Sequence Length	153
Applicable Applications for IL2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ala21~Thr153 (Accession # P60568) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

YKNPKLTRML TFKFYMPKKA APTSSSTKKT QLQLEHLLLD LQMILNGINN
RPRDLISNIN VIVLELKGSE TELKHLQCLE EELKPLEEVL NLAQSKNFHL
TLT TTFMCEYADE TATIVEFLNR WITFCQSIIS

Sequence

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	16.9kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/il2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134007>