

Interleukin 2 Active Protein | IL2 active protein

Active Interleukin 2 (IL2)

CATALOG #
AAA150059

APPLICATIONS
Activity Assay, Cell Culture

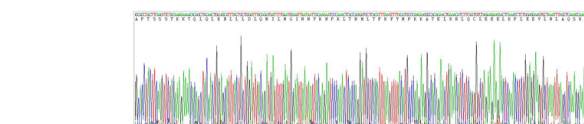
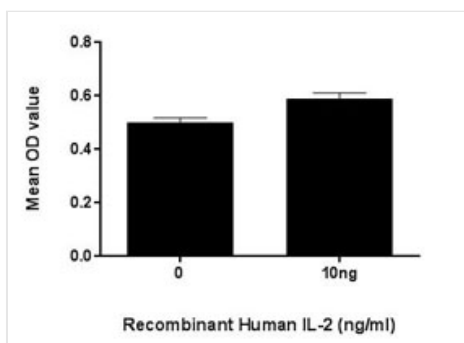
PRODUCT SYNONYMS

Interleukin 2; Active Interleukin 2 (IL2); TCGF; Lymphokine; T-Cell Growth Factor; Aldesleukin; IL2 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Ala21~Thr153
Sequence Length	153
Applicable Applications for IL2 active protein	Activity Assay, Cell Culture
Species	Human
Tag	N-terminal His Tag
Isoelectric Point	6.8
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (PH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

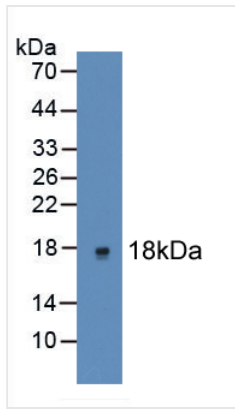


Gene Sequencing

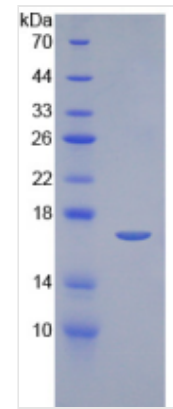
Figure. Gene Sequencing (Extract)

Application Data

Figure. Cell proliferation of CTLL-2 cells after stimulated with IL-2.



WB (Western Blot)
Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL2
active protein

Cytokine; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	28178861
NCBI GeneID	3558
NCBI Accession #	NP_000577.2
NCBI GenBank Nucleotide #	NP_000577.2
UniProt Accession #	P60568
Molecular Weight	Predicted Molecular Mass: 15.8kDa Accurate Molecular Mass: 17kDa
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
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-active-protein/interleukin-2/150059>