

Interleukin 2 (IL2) Active Protein | IL2 active protein

Active Interleukin 2 (IL2)

CATALOG # AAA152964	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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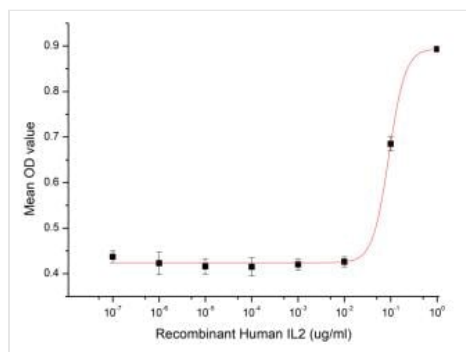
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

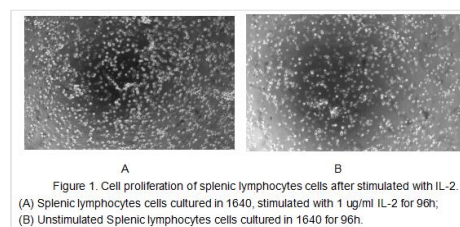
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala21~Thr153
Applicable Applications for IL2 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.5
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



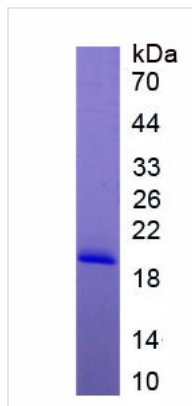
Bioactivity

Figure 2. The dose-effect curve of IL-2 on Splenic lymphocytes cells.



Bioactivity

IL-2 (Interleukin-2) is a cytokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2 is a type of signaling molecule in the immune system, that is required for both T-cell and B-cell proliferation and other activities crucial to



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL2 active protein	Active proteins
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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.