

Interleukin-2 Active Protein | pIL 2 active protein

Recombinant Porcine Interleukin-2

CATALOG # AAA38188	HOST E. coli
------------------------------	------------------------

PRODUCT SYNONYMS

Interleukin-2; Recombinant Porcine Interleukin-2; T-cell growth factor (TCGF); Aldesleukin; Lymphokine; IL-2; pIL 2 active protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	Greater than 96.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein (1mg/ml) was lyophilized from a 0.2um filtered concentrated solution in 1xPBS, pH 7.4.
Sequence	APTSSSTKNT KKQLEPLLLD LQLLLKEVKN YENADLSRML TFKFYMPKQA TELKHLQCLV EELKALEGVL NLGQSKNSDS ANIKESMNNI NVTVLELKGS ETSFKCEYDD ETVTAVEFLN KWITFCQSIY STLT
Sequence Length	154
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized IL 2 in sterile H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The ED ₅₀ as determined by a cell proliferation assay using murine CTLL-2 cells is less than 0.5ng/ml corresponding to a specific activity of >2.0 x 10 ⁶ IU/mg.
Preparation and Storage	Lyophilized IL2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for pIL 2 active protein	Interleukin2 Porcine Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 134 amino acids and having a molecular mass of 15217 Dalton. The IL-2 is purified by proprietary chromatographic techniques.
Product Categories/Family for pIL 2 active protein	Cytokines and Growth Factors ; Cytokines ; Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523136
NCBI GeneID	396868
NCBI Accession #	NP_999026.1
NCBI GenBank Nucleotide #	NM_213861.1
UniProt Accession #	P26891
NCBI Official Full Name	interleukin-2

NCBI Official Symbol	IL2
NCBI Official Synonym Symbols	IL-2; TCGF; POIL2
NCBI Protein Information	interleukin-2; T-cell growth factor
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; TCGF
UniProt Entry Name	IL2_PIG

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/e-coli-pil-2-active-protein/interleukin-2/38188>