

## Product datasheet for **TP726597**

### IL2 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-2/IL-2(C145S)
Species:	Human
Expression cDNA Clone or AA Sequence:	Pro22-Thr153(Cys145Ser)
Buffer:	Lyophilized from a 0.2 um filtered solution of 10mM Acetata-Na, 5% Trehaiose, pH 4.5 .
Note:	Recombinant Human Interleukin-2(C145S) is produced by our E.coli expression system and the target gene encoding Pro22-Thr153(Cys145Ser) is expressed.
Stability:	12 months from date of despatch
Locus ID:	3558
UniProt ID:	<a href="#">P60568</a>
Summary:	Recombinant Human Interleukin-2 is a highly purified protein with a molecular weight of approximately 15,300 Daltons. The chemical name is des-alanyl-1, serine-145 Human Interleukin-2. It is produced by recombinant DNA technology using a genetically engineered E. coli strain containing an analog of the human interleukin-2 gene. Genetic engineering techniques were used to modify the Human IL-2 gene, and the resulting expression clone encodes a modified Human IL-2. This recombinant form differs from native Interleukin-2 in following ways: it is not glycosylated; the molecule has serine substituted for cysteine at amino acid position 145; the aggregation state of molecule is likely to be different from that of native IL-2.



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