

Product datasheet for **TP727666**

IL2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-2/IL-2 (Mutant)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala21-Thr153(L100F,R101D,L105V,I106V,I112F)
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Interleukin-2 is produced by our Mammalian expression system and the target gene encoding Ala21-Thr153(Leu100Phe,Arg101Asp,Leu105Val,Ile106Val,Ile112Phe) is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3558
UniProt ID:	P60568
Summary:	Interleukin-2(IL-2) is an interleukin, a type of cytokine signaling molecule in the immune system ,belongs to the IL-2 family. It is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions that are essential for the immune response. IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes. New research has shown that IL-2 mutant reduced toxicity while being more potent at stimulating anti-tumor effector immune cells.



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