

Product datasheet for **TP724834**

IL2 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse IL-2
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala21-Gln169
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Sodium Citrate, 0.2%Tween 80, pH 3.0
Note:	Recombinant Mouse IL-2 is produced by our E.coli expression system and the target gene encoding Ala21-Gln169 is expressed.
Stability:	12 months from date of despatch
Locus ID:	16183
UniProt ID:	P04351
Summary:	Interleukin-2 (IL-2) is an interleukin, a type of cytokine signaling molecule in the immune system, and belongs to the IL-2 family. It is a leukocytotropic hormone that is instrumental in the body's natural response to microbial infection and in discriminating between foreign (non-self) and self. IL-2 is also 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.



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