

Recombinant Chicken Interleukin 2

Cat. No. IL2-249C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken IL-2 was expressed in Yeast. MW= 14.0 kDa (121 aa).
Species	Chicken
Source	Yeast
Description	Interleukin-2 (IL-2) is an interleukin, a type of cytokine immune system signaling molecule, which 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 mediates its effects by binding to IL-2 receptors, which are expressed by lymphocytes, the cells that are responsible for immunity.
Formulation/ Reconstitution	Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Purification	Ion-exchange chromatography.
Purity	>95% as visualized by SDS-PAGE analysis.
Amino Acid Sequence	ASLSSAKRKP LQTLIKDLEI LENIKNKIHL ELYTPTETQE CTQQTLQCYL GEVVTLLKET EDDTEIKEEF VTAIQNIEKN LKSLTGLNHT GSECKICEAN NKKKFPDFLH ELTNFVRYLQ K.
Bioactivity	In testing.

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Stability And Storage

Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL2 interleukin 2 [Gallus gallus]
Synonyms	interleukin 2; IL2; IL-2; interleukin-2
Gene ID	373958
mRNA Refseq	NM_204153.1
Protein Refseq	NP_989484.1
Chromosome Location	4