

Recombinant Mouse Il15 Protein, MYC/DDK-tagged

Cat. No. Il15-092M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse interleukin 15 (Il15), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a a pleiotropic cytokine of the interleukin family of proteins that plays important roles in the innate and adaptive cell homeostasis, as well as peripheral immune function. The encoded protein undergoes proteolytic processing to generate a mature cytokine that stimulates the proliferation of natural killer cells. The transgenic mice overexpressing the encoded protein exhibit an increase in the number of memory CD8+ T cells in a naive state and enhanced protection against bacterial infections. Mice lacking the encoded protein exhibit impaired protection against a strain of attenuated Mycobacterium.
Molecular Mass	18.6 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 ug/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Il15 interleukin 15 [Mus musculus (house mouse)]
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Official Symbol	Il15
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Synonyms	Il15; interleukin 15; IL-15; AI503618; interleukin-15
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Gene ID	16168
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mRNA Refseq	NM_008357
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Protein Refseq	NP_032383
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UniProt ID	P48346
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