

Datasheet for ABIN935479 IL-15 Protein



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Overview

Quantity:	10 µg
Target:	IL-15 (IL15)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	MNWIDVRYDL EKIESLIQSI HIDTTLTYDS DFHPSCKVTA MNCFLLELQV ILHEYSNMTL NETVRNVLYL ANSTLSSNKN VAESGCKECE ELEEKTFTEF LQSFIRIVQM FINTS
Characteristics:	Purified recombinant Mouse IL15 protein Expression System: E.coli Bioactivity: The ED50 was determined by the stimulation of the proliferation of Mouse CTLL-2 cells is 2×10^5 units/mg.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	IL-15 (IL15)
Alternative Name:	IL15 (IL15 Products)
Background:	IL15 is an immunomodulating cytokine that stimulates the proliferation of T lymphocytes and

Target Details

shares many biological properties with IL2. IL15 exerts its biological activities primarily on T cells. It is also essential in the development, survival and activation of NK cells. Increased expression of IL15 has been implicated with rheumatoid arthritis, inflammatory bowel disease and diseases affiliated with retroviruses HIV and HTLV-I. Human IL15 is biologically active on mouse cells as measured by the dose-dependent stimulation of the proliferation of mouse CTLL cells.

Alternative Names: IL-15 protein, IL15, IL-T protein, IL 15 protein, IL-15 protein, IL-15, Interleukin 15 protein, IL 15

Molecular Weight: 13.3 kDa

Pathways: [JAK-STAT Signaling](#), [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with distilled water to a concentration of 0.5-1.0 g/mL.

Buffer: Lyophilized from 10 mM Na₃PO₄, pH 8.0.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C