

Active Recombinant Feline IL15

Cat. No. IL15-1099F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Feline IL15 (Accession # O97687) Asn49-Ser162, fused with , was produced in E. coli.
Species	Feline
Source	E.coli
ProteinLength	Asn49-Ser162
Predicted N Terminal	Asn49
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. Avanzi, G. et al. (1988) Br. J. Haematol. 69:359. The ED50 for this effect is typically 0.2-1.2 ng/mL.
Molecular Mass	Recombinant Feline IL15 has a calculated MW of 13 kDa. In SDS-PAGE migrates as 10 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name IL15 interleukin 15 [Felis catus (domestic cat)]

Official Symbol IL15

Synonyms interleukin-15; interleukin-15; IL-15

Gene ID 493682

mRNA Refseq NM_001009207.1

Protein Refseq NP_001009207.1

MIM

UniProt ID O97687

Chromosome Location chromosome: B1

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