

Active Recombinant Feline IL5 Protein, His-tagged

Cat. No. IL5-1048F Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Feline IL5 (Accession # O77515) Ile20-Ser134, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Feline
Source	Mammalian Cells
ProteinLength	Ile20-Ser134
Predicted N Terminal	Ile20
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. Kitamura, T. et al. (1989) J. Cell Physiol. 140:323. The ED50 for this effect is typically 2 - 8 ng/mL.
Molecular Mass	Recombinant Feline IL5, His-tagged has a calculated MW of 14.6 kDa. In SDS-PAGE migrates as 20 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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GENE INFORMATION

Gene Name	IL5 interleukin 5 [Felis catus (domestic cat)]
Official Symbol	IL5
Synonyms	interleukin-5; interleukin-5; IL-5; T-cell replacing factor; TRF; eosinophil differentiation factor; interleukin 5 (colony-stimulating factor, eosinophil)
Gene ID	493803
mRNA Refseq	NM_001009845.2
Protein Refseq	NP_001009845.2
MIM	
UniProt ID	O77515
Chromosome Location	chromosome: A1

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