

Active Recombinant Equine IL5 Protein, His-tagged

Cat. No. IL5-901E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Equine IL5 (Accession # O02699) Leu20-Gly134, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Equine
Source	Mammalian Cells
ProteinLength	Leu20-Gly134
Predicted N Terminal	Leu20
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 4 - 16 ng/mL.
Molecular Mass	Recombinant Equine IL5, His-tagged has a calculated MW of 13.9 kDa (monomer). In SDS-PAGE migrates as 19 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 (colony-stimulating factor, eosinophil) [Equus caballus (horse)]
Official Symbol	IL5
Synonyms	IL-5; interleukin-5; interleukin-5; T-cell replacing factor; TRF; eosinophil differentiation factor
Gene ID	1.00034e+008
mRNA Refseq	NM_001082499.1
Protein Refseq	NP_001075968.1
MIM	
UniProt ID	O02699
Chromosome Location	chromosome: 14

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