

## Active Recombinant Equine IL5 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Equine IL5 (Accession # O02699) Leu20-Gly134, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Equine
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Leu20-Gly134
<b>Predicted N Terminal</b>	Leu20
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Equine IL5, His-tagged has a calculated MW of 13.9 kDa (monomer). In SDS-PAGE migrates as 19 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA