

## Active Recombinant Equine IL4

Cat. No. IL4-669E Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Equine IL4 (Accession # NP_001075988) Lys26-Cys137 was produced in E. coli-derived.
<b>Species</b>	Equine
<b>Source</b>	E.coli
<b>ProteinLength</b>	26-137 a.a.
<b>Predicted N Terminal</b>	Lys26
<b>Form</b>	Lyophilized from a 0.2 µ 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 10 - 60 ng/mL.
<b>Molecular Mass</b>	Recombinant Equine IL4 has a calculated MW of 12.6 kDa.
<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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**Reconstitution** Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** IL4 interleukin 4 [ *Equus caballus* (horse) ]

**Official Symbol** IL4

**Synonyms** IL4; interleukin 4; IL-4; BSF-1; interleukin-4; B-cell stimulatory factor 1; lymphocyte stimulatory factor 1

**Gene ID** [100034225](#)

**mRNA Refseq** [NM\\_001082519](#)

**Protein Refseq** [NP\\_001075988](#)

### MIM

**UniProt ID** P42202

**Chromosome Location** 14

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