

# Recombinant Mouse IL4 Protein, Tag free (Active)

## Summary

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<b>Catalog No.</b>	AMC13501
<b>Alternative Names</b>	Interleukin-4, B-cell IgG differentiation factor, B-cell growth factor 1, B-cell stimulatory factor 1, IGG1 induction factor, Lymphocyte stimulatory factor 1, IL-4, BSF-1
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a 0.2 µm filtered solution in 20 mM PB, 5% Sucrose, 4% Mannitol, 0.1% PS-80, pH 6.5.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
<b>Endotoxin level</b>	< 1 EU/µg as determined by LAL test.
<b>Expression system</b>	E. coli
<b>Accession</b>	P07750
<b>Protein length</b>	His23-Ser140
<b>Nature</b>	Recombinant
<b>Predicted molecular weight</b>	13.4 kDa
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
<b>Species</b>	Mus musculus (Mouse)

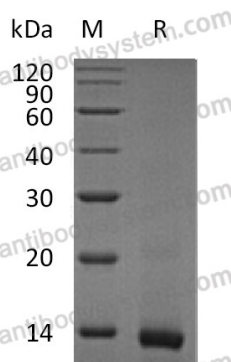
## Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## Note

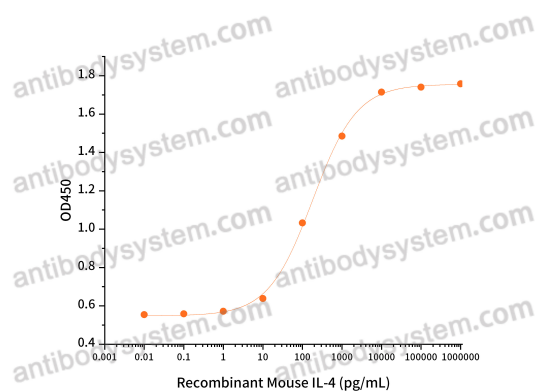
For research use only.

## Data Image



SDS-PAGE

SDS-PAGE for Recombinant Mouse IL4 Protein



Bioactivity

Measured in a cell proliferation assay using NFS 60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is 182 pg/mL. (Regularly tested)