

Recombinant Mouse IL4 Protein, Tag free (Active)

Summary

Catalog No.	AMC13501
Alternative Names	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
Form	Lyophilized
Storage buffer	Lyophilized from a 0.2 µm filtered solution in 20 mM PB, 5% Sucrose, 4% Mannitol, 0.1% PS-80, pH 6.5.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Endotoxin level	< 1 EU/µg as determined by LAL test.
Expression system	<i>E. coli</i>
Accession	P07750
Protein length	His23-Ser140
Nature	Recombinant
Predicted molecular weight	13.4 kDa
Stability and Storage	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.
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
Species	<i>Mus musculus</i> (Mouse)

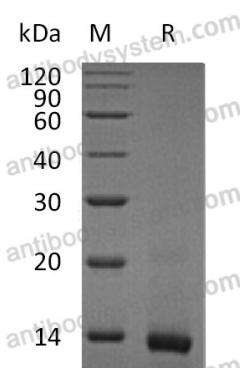
Shipping

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

Note

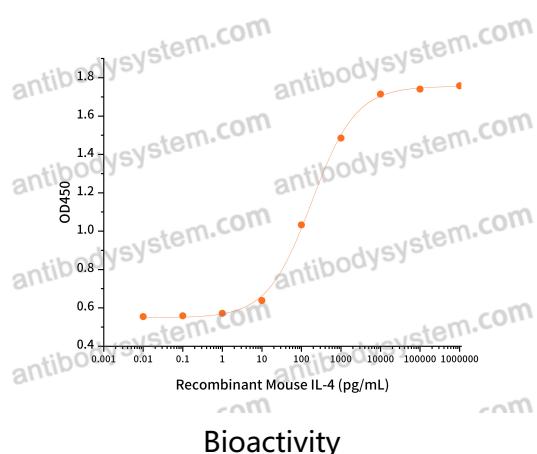
For research use only.

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)