

Recombinant Mouse Il4 Protein (His23-Ser140), C-His tagged

Cat. No. Il4-6747M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Il4 (His23-Ser140) fused with the C-terminal His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His23-Ser140
Description	Enables cytokine activity. Involved in several processes, including innate immune response in mucosa; negative regulation of white fat cell proliferation; and regulation of gene expression. Acts upstream of or within several processes, including T-helper cell differentiation; positive regulation of macromolecule metabolic process; and regulation of leukocyte activation. Located in external side of plasma membrane and extracellular space. Is expressed in several structures, including brain; colon; hemolymphoid system; liver; and placenta. Used to study Sjogren's syndrome; atopic dermatitis; and type 1 diabetes mellitus. Human ortholog (s) of this gene implicated in several diseases, including asthma (multiple); autoimmune disease (multiple); hepatitis B; hepatitis C; and pancreatic cancer (multiple). Orthologous to human IL4 (interleukin 4).
Form	Lyophilized powder/frozen liquid
Molecular Mass	13.98 kDa

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Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	IL4 interleukin 4 [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL4
Synonyms	IL4; interleukin 4; IL-4; BSF-1; interleukin-4; B-cell IgG differentiation factor; B-cell growth factor 1; B-cell stimulatory factor 1; IGG1 induction factor; lymphocyte stimulatory factor 1
Gene ID	16189
mRNA Refseq	NM_021283
Protein Refseq	NP_067258
UniProt ID	P07750

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