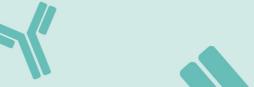
# antibodies .- online.com





## Datasheet for ABIN7320606

#### **LIF Protein**





#### Overview

Quantity:	100 μg
Target:	LIF
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

#### **Product Details**

Purpose:	Recombinant Mouse LIF Protein
Sequence:	Ser24-Phe203
Characteristics:	Recombinant Mouse Leukemia Inhibitory Factor is produced by our E.coli expression system and the target gene encoding Ser24-Phe203 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	LIF
Alternative Name:	LIF (LIF Products)
Background:	Background: Mouse Leukemia inhibitory factor(lif)is a secreted protein which belongs to the LIF/OSM family.LIF has been implicated in a many physiological processes including
	development, hematopoiesis, bone metabolism, and inflammation. it has the capacity to induce
	terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic

## Target Details

	differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes.  Synonym: Leukemia inhibitory factor, Differentiation-stimulating factor, lif, D factor
Molecular Weight:	19.9 kDa
UniProt:	P09056
Pathways:	JAK-STAT Signaling, Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion, Stem Cell Maintenance, Growth Factor Binding

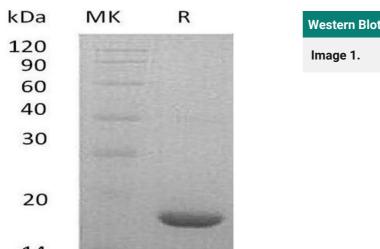
## **Application Details**

For Research Use only
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# Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.

#### **Images**



Western Blotting
Image 1.