

## **ProDots® Recombinant Mouse LIF**

Catalog Number: PRD449

	PTI	

Source E. coli-derived Pro25 - Phe203

Accession # P09056

N-terminal Sequence Pro25

Analysis **Predicted Molecular** 

20 kDa

Mass

CD	ECI	ш	$\sim \Lambda$	TIO	MIG

SDS-PAGE 20 kDa, reducing conditions

Measured by its ability to induce IL-6 secretion by M1 mouse myeloid leukemia cells. Activity

The  $ED_{50}$  is 0.1-0.6 ng/mL.

**Endotoxin Level** <0.10 EU per 1  $\mu$ g of the protein by the LAL method.

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain. Purity

## PREPARATION AND STORAGE

For a stock solution, reconstitute at 0.2-1 mg/mL in sterile PBS. For immediate use, simply roll ProDot® directly into cell culture medium. Reconstitution

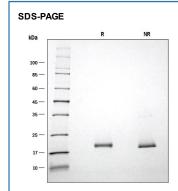
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. Shipping

Stability & Storage

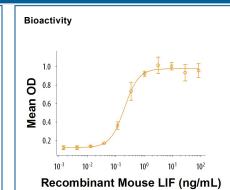
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 6 months from date of receipt at room temperature as supplied. • 12 months from date of receipt at 2-8 °C as supplied
- 1 month at 2-8 °C under sterile conditions after reconstitution.

• 3 months at -20 to -80 °C under sterile conditions after reconstitution.



1 μg/lane of ProDots® Recombinant Mouse LIF was resolved with SDS-PAGE under reducing (R) and non-reducing (NR) conditions and visualized with silver staining, showing a single band at 20 kDa.



ProDots® Recombinant Mouse LIF induces IL-6 secretion in M1 mouse myeloid leukemia cells. The  $\mathrm{ED}_{50}$  for this effect is typically 0.1-0.6 ng/mL.

PRODUCT SPECIFIC NOTICES

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