

## Active Recombinant Mouse Prl

Cat. No. Prl-652M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Prl (Accession # NP_035294) Leu32-Cys228, fused with an N-terminal Met, was produced in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu32-Cys228
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation assay using Nb2-11 rat lymphoma cells. Gout, P.W. et al. (1980) Cancer Res. 40:2433. The ED50 for this effect is typically 0.25-1 ng/mL.
<b>Molecular Mass</b>	Recombinant Mouse Prl, Met-tagged has a calculated MW of 22.6 kDa.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	Prl prolactin [ Mus musculus ]
<b>Official Symbol</b>	Prl
<b>Synonyms</b>	PRL; prolactin; Prl1a1; AV290867;
<b>Gene ID</b>	19109
<b>mRNA Refseq</b>	NM_001163530
<b>Protein Refseq</b>	NP_001157002
<b>MIM</b>	

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