

Active Recombinant Mouse Prl

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

SPECIFICATION

Product Overview	Recombinant Mouse Prl (Accession # NP_035294) Leu32-Cys228, fused with an N-terminal Met, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu32-Cys228
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Prl, Met-tagged has a calculated MW of 22.6 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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