

Product Information

Recombinant Mouse Prl, His tagged

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Catalog#	MK0619M
Product Name	Recombinant Mouse Prl, His tagged
Product Overview	Recombinant Mouse Prl (P09411) (Leu 32-Cys 228), fused with an initial Met at the N-terminus and a polyhistidine tag at the C-terminus, was produced in Baculovirus-Insect cells.
Description	PrL is one of the mediators of the bidirectional communication between neuroendocrine and immune systems. The neuroendocrine control of PrL secretion is unlike that of any other pituitary hormone. PrL is predominantly inhibited by the hypothalamus and, in the absence of a regulatory feedback hormone, it acts directly in the brain to suppress its own secretion.
Source	Baculovirus-Insect cells
Species	Mouse
Tag	His
Formulation	Lyophilized from 0.2µm filtered solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant mouse PRL consists of 207 amino acids and has a calculated molecular mass of 23.8 kDa. It migrates as an approximately 26 kDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.