

## Product datasheet for **TP723371**

### **Prl (NM\_012629) Rat Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Rat prolactin (Prl).
<b>Species:</b>	Rat
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MLPVCSSGDC QTPLPELFD R VVMLSHYIHT LYTDMFIEFD KQYVQDREFI AKAINDCPTS SLATPEDKEQ AQKVPPEVLL NLILSLVHSW NDPLFQLITG LGGIHEAPDA IISRAKEIEE QNKRLLGIE KIISQAYPEA KGNEIYLWVS QLPSLQGVDE ESKDLAFYNN IRCLRRDSHK VDNYLKFLRC QIVHKNNC
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	22.6 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Bioactivity:</b>	Determined by its ability to induce the proliferation of rat Nb2-11 cells in the concentration range of 0.1-1.0 ng/ml.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_036761</a>
<b>Locus ID:</b>	24683
<b>UniProt ID:</b>	<a href="#">P01237</a> , <a href="#">B5DEM6</a>
<b>RefSeq Size:</b>	1016
<b>Cytogenetics:</b>	17p12
<b>RefSeq ORF:</b>	678
<b>Synonyms:</b>	Gha1; Prl1a1; PRLB; PRLSD1; Prol; RATPRLSD1; RNPROL
<b>Summary:</b>	induces lactation; may facilitate decidual growth and placentation; promotes prostate epithelial cell proliferation [RGD, Feb 2006]



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**Product images:**

