

Recombinant Bovine PRL protein, His-tagged

Cat. No. PRL-96B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine PRL protein, fused to His-tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
Description	This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein.
Form	50mM Tris, 300mM NaCl, pH 8.0.
Molecular Mass	24 kDa
AA Sequence	MGSSHHHHHTPVCPNGPGNCQVSLRDLFDRAVMVSHYIHDLSSSEMFEFDKRYA QGKGFITMALNSCHTSSLPTPEDKEQAQQTHHEVLMSLILGLLRSWNDPLYHLVTEV RGMKGAPDAILSRAIEIEENKRLLEGMEMIFGQVIPGAKETEPYPVWSGLPSLQTKD EDARYSAFYNLLHCLRRDSSKIDTYLKLLNCRIIYNNNC
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration 0.25 mg/ml

GENE INFORMATION

Gene Name PRL prolactin [Bos taurus (cattle)]

Official Symbol PRL

Synonyms GHA1

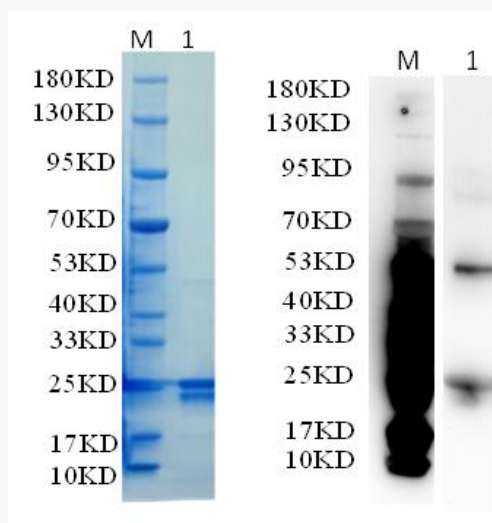
Gene ID 280901

mRNA Refseq NM_173953

Protein Refseq NP_776378

UniProt ID P01239

SDS-PAGE



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Reducing 12% SDS-PAGE and WB analysis profile of purified PRL(CBB stained).