

# Recombinant Pig Prolactin(PRL)

Catalog No: #AP70664

Package Size: #AP70664-1 20ug #AP70664-2 100ug #AP70664-3 1mg

## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Recombinant Pig Prolactin(PRL)                                                                                                                                                                                                                                                                                                                                                                  |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:31-229aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                             |
| Accession No.         | P01238                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 39 kDa                                                                                                                                                                                                                                                                                                                                                                                          |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                    |
| Target Sequence       | LPICPSGAVNCQVSLRDLFDRAVILSHYIHNLSSSEMFEFDKRYAQGRGFITKAINSCHTSSLSTPEDKEQAQQL<br>HHEVLLNLILRLRSWNDPLYHLVTEVRGMQEAPDAILSRAIEIEEQNKRLLEGMEKIVGQVHPGIKENEVYSV<br>WSGLPSLQMADEDTRLFAFYNLLHCLRRDSHKIDNYLKLLKCRRIIYDSNC                                                                                                                                                                                 |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                   |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Background

Prolactin acts primarily on the mammary gland by promoting lactation.

## References

Nucleotide sequence of porcine preprolactin cDNA.Schulz Aellen M.F., Schmid E., Movva R.N.Nucleic Acids Res. 17:3295-3295(1989)Research  
 Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.