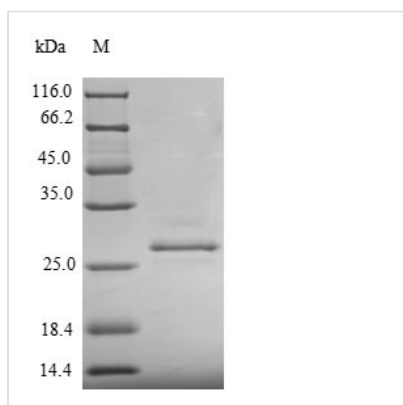




Recombinant Pig Prolactin (PRL)

Product Code	CSB-YP018724PI
Relevance	Prolactin acts primarily on the mammary gland by promoting lactation.
Abbreviation	Recombinant Pig PRL protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.
Uniprot No.	P01238
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LPICPSGAVNCQVSLRDLFDRAVILSHYIHNLSSSEMNEFDKRYAQGRGFITKAI NSCHTSSLSTPEDKEQAQQIHHEVLLNLILRVLRSWNDPLYHLVTEVRGMQEA PDAILSRAIEIEEQNKRLLEGMEKIVGQVHPGIKENEVYSVWVSGLPQLMADED TRLFAFYNLLHCLRRDSHKIDNYLKLLKCRIIYDSNC
Research Area	Others
Source	Yeast
Target Names	PRL
Protein Names	Recommended name: Prolactin Short name= PRL
Expression Region	31-229aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	25.0kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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.