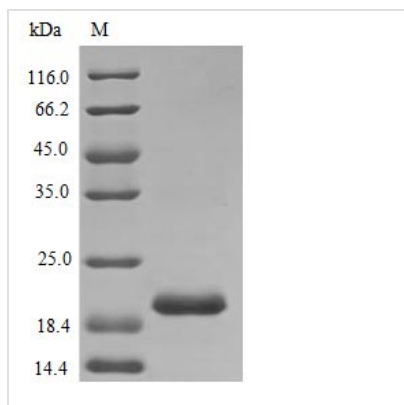




Recombinant Rat Prolactin protein (Prl) (Active)

Product Code	CSB-AP000081RA
Abbreviation	Recombinant Rat Prl protein (Active)
Uniprot No.	P01237
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered PBS, pH 7.4
Product Type	Hormone
Immunogen Species	Rattus norvegicus (Rat)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using rat Nb2-11 cells is less than 1.0 ng/ml, corresponding to a specific activity of >1.0x10 ⁶ IU/mg.
Purity	>98% as determined by SDS-PAGE.
Sequence	LPVCSGGDCQ TPLPELFDRV VMLSHYIHTL YTDMFIEFDK QYVQDREFIA KAINDCPTSS LATPEDKEQA QKVPPEVLLN LILSLVHSWN DPLFQLITGL GGIHEAPDAI ISRAKEIEEQ NKRLLEGIEK IISQAYPEAK GNEIYLWWSQ LPSLQGVDEE SKDLAFYNNI RCLRRDSHKV DNYLKFLRCQ IVHKNNC
Research Area	Signal Transduction
Source	E.Coli
Target Names	Prl
Expression Region	30-226aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	22.6 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	6283362; 6251061; 6993473; 728396; 925136

Image





Endotoxin

Less than 1.0 EU/ μ g as determined by LAL method.

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.