

Prolactin (PRL) Protein | PRL protein

Eukaryotic Prolactin (PRL)

CATALOG # AAA147114	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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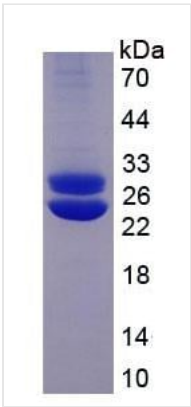
PRODUCT SYNONYMS

Prolactin (PRL); Eukaryotic Prolactin (PRL); LTH; Luteotropic Hormone; PRL protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	227
Applicable Applications for PRL protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Leu29~Cys227
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.2
Subcellular Location	Secreted
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

LP ICPGGAARCQ VTLRDLFDRA
VVLSHYIHNL SSEMFSEFDK RYTHGRGFIT KAINSCHTSS LATPEDKEQA
QQMNQKDFLS LIVSILRSWN EPLYHLVTEV RGMQEAPET LSKAVEIEEQ
TKRLLEGMEI IVSQVHPETK ENEIYPVWSG LPSLQMADEE SRLSAYYNLL
HCLRRDSHKI DNYLKLLKCR IHHNNNC

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PRL protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506105
NCBI GeneID	5617
NCBI Accession #	NP_000939.1
NCBI GenBank Nucleotide #	NM_000948.5
UniProt Accession #	Q5THQ0; P01236
Molecular Weight	23.4kDa; 23kDa
NCBI Official Full Name	prolactin
NCBI Official Synonym Full Names	prolactin
NCBI Official Symbol	PRL
NCBI Official Synonym Symbols	GHA1
NCBI Protein Information	prolactin
UniProt Protein Name	Prolactin
UniProt Gene Name	PRL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/293f-protein/prolactin-prl/147114>