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Datasheet for ABIN7505514

Prolactin Protein (PRL) (AA 30-226) (His tag)

Overview

Quantity:	100 µg
Target:	Prolactin (PRL)
Protein Characteristics:	AA 30-226
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prolactin protein is labelled with His tag.

Product Details

Sequence:	Leu 30-Cys 226
Characteristics:	A DNA sequence encoding the Rat PRL protein (P01237) (Leu 30-Cys 226) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Prolactin (PRL)
Alternative Name:	PRL (PRL Products)
Background:	<p>Background: Various hormones are secreted from the anterior pituitary during development and growth. Prolactin is a growth factor secreted by the anterior pituitary that is necessary for the proliferation and differentiation of the mammary glands.</p> <p>Synonym: PRL,Prolactin,Prolactin precursor</p>

Target Details

Molecular Weight:	21.56 kDa
UniProt:	P01237
Pathways:	JAK-STAT Signaling , Peptide Hormone Metabolism , Response to Growth Hormone Stimulus , Protein targeting to Nucleus

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months