

Recombinant Rat Prl3d1 Protein, His-tagged

Cat. No. Prl3d1-1984R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prl3d1 Protein (Lys30-Phe229) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Lys30-Phe229
Description	Predicted to enable hormone activity and prolactin receptor binding activity. Predicted to be involved in several processes, including female pregnancy; positive regulation of lactation; and positive regulation of receptor signaling pathway via JAK-STAT. Predicted to be located in extracellular region. Predicted to be active in extracellular space.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.8 kDa Accurate Molecular Mass: 27 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Prl3d1 prolactin family 3, subfamily D, member 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Prl3d1

Synonyms

Prl3d1; prolactin family 3, subfamily d, member 1; prolactin-3D1; PI1; Csh1; Ghd4; PL-I; PI-1; PL-Ia; mPL-I; AI325057; PL-I-alpha; chorionic somatomammotropin hormone 1; growth hormone d4; placental lactogen 1; placental lactogen I; placental lactogen-I alpha; prolactin-like 2

Gene ID

53950

mRNA Refseq

NM_017363

Protein Refseq

NP_059059

UniProt ID

P21702

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