

Recombinant Rat Prl2a1 Protein, His-tagged

Cat. No. Prl2a1-1137R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Prl2a1 (NP_446243.1) (Met1-Cys228) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-228 a.a.
Predicted N Terminal	Val 30
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Prl2a1 consists 210 amino acids and predicts a molecular mass of 23.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Prl2a1 Prolactin family 2, subfamily a, member 1 [<i>Rattus norvegicus</i>]
Official Symbol	Prl2a1
Synonyms	Ghd5; Prlpm; PLP-M; PRL-like protein M; growth hormone d5; placental prolactin-like protein M; prolactin-like protein M
Gene ID	116474
mRNA Refseq	NM_053791
Protein Refseq	NP_446243
MIM	
UniProt ID	Q9JII3
Chromosome Location	17p11
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Nuclear signaling by ERBB4, organism-specific biosystem; Signaling by ERBB4, organism-specific biosystem
Function	hormone activity

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