

Recombinant Mouse PRLR protein(Met1-Asp229), His-tagged

Cat. No. PRLR-1247M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PRLR (P07321) (Met1-Asp229) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asp229
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Mouse PRLR comprises 221 amino acids and has a predicted molecular mass of 26 kDa. The apparent molecular mass of the protein is approximately 37 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Prlr prolactin receptor [Mus musculus]
Official Symbol	PRLR
Synonyms	PRLR; prolactin receptor; PRL-R; prolactin receptor related sequence 1; Pr-1; Pr-3; AI987712; Prlr-rs1;
Gene ID	19116
mRNA Refseq	NM_001253781
Protein Refseq	NP_001240710

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