Recombinant Mouse Prlr protein, His&hFc-tagged

Cat. No. Prlr-213M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prlr protein(NP_035299.4)(Met1-Asp229), fused with His and hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asp229
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse PRLR/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 457 amino acids and has a calculated molecular mass of 52.5 kDa. As a result of glycosylation, the apparent molecular mass of the mouse PRLR/Fc monomer is approximately 65-70 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % 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

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	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 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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