

Recombinant Rat Prlr protein(Met1-Asp229), His-tagged

Cat. No. Prlr-7003R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prlr protein(P05710-1)(Met1-Asp229), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asp229
similar	Prlr
Alias	PRLR; prolactin receptor; PRL-R; lactogen receptor; RATPRLR; MGC105486;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant rat PRLR comprises 221 amino acids and predicts a molecular mass of 26 kDa. The apparent molecular mass of the rat PRLR is approximately 38 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

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Purity	> 97 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Prlr prolactin receptor [Rattus norvegicus]
GeneNameWeblink	24684
OfficialSymbol	Prlr
OfficialSymbolWeblink	24684
GenelD	24684
GenelDWeblink	24684
mRNARefseq	NM_001034111
mRNARefseqWeblink	NM_001034111.1
ProteinRefseqWeblink	NP_001029283.1
MIMWeblink	
UniProtID	
UniProtIDWeblink	

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GENE INFORMATION

Synonyms	PRLR; prolactin receptor; PRL-R; lactogen receptor; RATPRLR; MGC105486;
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MIM	
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