

Rev03
Update: Feb,10,2022

DATASHEET

Prolactin Releasing Peptide (1-31), human

Cat. No.: RP11861

Overview

Synonyms	PrRP
Description	GenScript Prolactin-releasing peptide is a specific prolactin releasing peptide. GenScript prolactin-releasing peptide (PrRP) was originally isolated as an endogenous hypothalamic ligand for the hGR3 orphan receptor and has been shown to release prolactin from dispersed pituitaries harvested from lactating female rats and only at very high doses in cycling females. PrRPs have no effect on prolactin production from dispersed pituitary cells harvested from males.
Sequence	{SER}{ARG}{THR}{HIS}{ARG}{HIS}{SER}{MET}{GLU}{ILE}{ARG}{THR}{PRO}{ASP}{ILE}{ASN}{PRO}{ALA}{TRP}{TYR}{ALA}{SER}{ARG}{GLY}{ILE}{ARG}{PRO}{VAL}{GLY}{ARG}{PHE}-NH ₂
Sequence Shortening	SRTHRHSMEIRTPDINPAWYASRGIRPVGRF-NH ₂
Molecular Formula	C ₁₆₀ H ₂₅₂ N ₅₆ O ₄₂ S ₁
C Terminal	NH ₂
Molecular Weight	3664.15

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C. Keep container tightly closed. Store in a cool dry place.