



Human PRLR peptide (DAG-P1083)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer. [provided by RefSeq, Feb 2011]
Specificity	Expressed in breast, placenta, kidney, liver and pancreas.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the type I cytokine receptor family. Type 1 subfamily. Contains 2 fibronectin type-III domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PRLR prolactin receptor [Homo sapiens (human)]
Official Symbol	PRLR
Synonyms	PRLR; prolactin receptor; HPRL; MFAB; hPRLrl; PRL-R; hPRL receptor; secreted prolactin binding protein;

Entrez Gene ID	5618
mRNA Refseq	NM_000949.6
Protein Refseq	NP_000940.1
UniProt ID	P16471
Chromosome Location	5p13.2
Pathway	Adipogenesis, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; ErbB4 signaling events, organism-specific biosystem; Growth hormone receptor signaling, organism-specific biosystem; Immune System, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosy
Function	metal ion binding; ornithine decarboxylase activator activity; peptide hormone binding; prolactin receptor activity; protein binding; protein homodimerization activity;
