

Recombinant Full Length Human PRLR Protein, GST-tagged

Cat. No. PRLR-605HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PRLR(1 a.a. - 622 a.a.) fused with GST tag at N-terminal was expressed in NS0.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	622 amino acids
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	95.9 kDa
AA Sequence	MKENVASATV FTLLFLNTC LLNGQLPPGK PEIFKCRSPN KETFTCWWRP GTDGGLPTNY SLTYHREGET LMHECPDYIT GGPNSCHFVK QYTSMWRTYI MMVNATNQMG SSFSDELYVD VTYIVQPDPP LELAVEVKQP EDRKPYLWIK WSPPTLIDLK TGWFTLLYEI RLKPEKAAEW EIHFAQQTE FKILSLHPGQ KYLQVRCKP DHGYWSAWSP ATFIQIPSDF TMNDTTVWIS VAVLSAVICL

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IIVWAVALKG YSMVTCIFPP VPGPKIKGFD AHLLEKGKSE ELLSALGCQD
 FPPTSDYEDL LVEYLEVDDS EDQHLM SVHS KEHPSQGMKP TYLDPD TDSG
 RGSCDSPSLL SEKCEEPQAN PSTFYDPEVI EKPENPETTH TWDPQCISME
 GKIPYFHAGG SKCSTWPLPQ PSQHNPRSSY HNITDVCELA VGPAGAPATL
 LNEAGKDALK SSQTIKSREE GKATQQREVE SFHSETDQDT PWLLPQEKTP
 FGSAPLDYV EIHKVNKDGA LSLLPKQREN SGKPKKPGTP ENNKEYAKVS
 GVMDNNILVL VPDPHA KNVA CFEESA KEAP PSLEQNQA EK ALANFTATSS
 KCRLQLGGLD YLDPACFTHS FH

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION
Gene Name

PRLR prolactin receptor [Homo sapiens]

Official Symbol

PRLR

Synonyms

PRLR; prolactin receptor; PRL-R; hPRL receptor; secreted prolactin binding protein; hPRLr

Gene ID

5618

mRNA Refseq

NM_000949

Protein Refseq

NP_000940

MIM

176761

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UniProt ID

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