

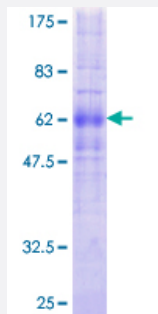
Full-Length

PRLHR (Human) Recombinant Protein (P01)

Catalog # H00002834-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRLHR full-length ORF (NP_004239.1, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASSTTRGPRVSDLFSGLPVAVTTPANQSAEASAGNGSVAGADAPAVTPFQSLQLVHQLKGLV
LLYSVVVVVGLVGNCLLVLIARVRRLHNVNFIIGNLALSDVLMCTACVPLTLAYAFEPRGWVFG
GGLCHLVFFLQPVTYVSVFTLTIAVDYVVLVHPLRRRISLRLSAYAVLAWALSAYLALPAAVHT
YHVELKPHDVRLCEEFWGSQERQRQLYAWGLLLVYLLPLLVILLSYVRVSVKLRNRVVP GCVTQ
SQADWDRARRRRTFCLLVVVVVVFVVCWLPLHVFNLLRDLDPHAIDPYAFGLVQLLCHWLAMSS
ACYNPFIYAWLHDSFREELRKLLVAWPRKIAPHGQNMTVSVVI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.5

Interspecies Antigen Sequence

Mouse (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — PRLHR

Entrez GeneID[2834](#)**GeneBank Accession#**[NM_004248.2](#)**Protein Accession#**[NP_004239.1](#)**Gene Name**

PRLHR

Gene Alias

GPR10, GR3, MGC126539, MGC126541, PrRPR

Gene Description

prolactin releasing hormone receptor

Omim ID[600895](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

PRLHR is a 7-transmembrane domain receptor for prolactin-releasing hormone (PRLH; MIM 602 663) that is highly expressed in anterior pituitary (Ozawa et al., 2002 [PubMed 11923475]).[supplied by OMIM]

Other Designations

G protein-coupled receptor 10|OTTHUMP00000020584|prolactin releasing peptide receptor|prolactin-releasing hormone receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Obesity](#)