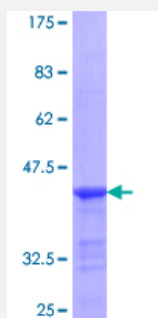


PRLR (Human) Recombinant Protein (Q01)

Catalog # H00005618-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PRLR partial ORF (NP_000940.1, 371 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PSTFYDPEVIEKPENPETHTWDPQCISMEGKIPYFHAGGSKCSTWPLPQPSQHNPRSSYHNITD VCELAVGPAGAPATLLNEAGKDALKSSQTIKSREEGKATQQREV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
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 — PRLR

Entrez GeneID	5618
GeneBank Accession#	NM_000949
Protein Accession#	NP_000940.1
Gene Name	PRLR
Gene Alias	hPRLrI
Gene Description	prolactin receptor
Omim ID	176761
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000115998 delta 4-SF1b truncated prolactin receptor delta 4-delta 7/11 truncated prolactin receptor hPRL receptor prolactin receptor delta 7/11 secreted prolactin binding protein

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Abortion](#)

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Fibroadenoma](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Primary Ovarian Insufficiency](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)