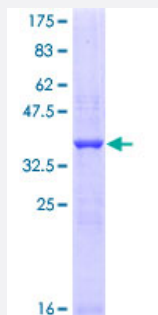


FSHR (Human) Recombinant Protein (Q01)

Catalog # H00002492-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FSHR partial ORF (NP_000136, 18 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CHHRICHCSNRVFLCQESKVTEIPSDLPRNAIELRFVLTKLRVIQKGAFSGFGDLEKIEISQNDVLEV IEADVFSNLPKLHEIRIEKANNLLYNPEAFQNL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.07
Interspecies Antigen Sequence	Mouse (93); Rat (93)
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 — FSHR

Entrez GeneID	2492
GeneBank Accession#	NM_000145
Protein Accession#	NP_000136
Gene Name	FSHR
Gene Alias	FSHRO, LGR1, MGC141667, MGC141668, ODG1
Gene Description	follicle stimulating hormone receptor
Omim ID	136435 233300 276400 608115
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]
Other Designations	FSH receptor follitropin receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Amenorrhea](#)
- [Anovulation](#)
- [Asthenozoospermia](#)
- [Azoospermia](#)
- [Bone Diseases](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Genital Diseases](#)
- [Hyperandrogenism](#)
- [Hypertension](#)
- [Iatrogenic Disease](#)
- [Infertility](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Neoplasms](#)
- [Obesity](#)
- [Oligospermia](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)

- [Ovarian Failure](#)
- [Ovarian Hyperstimulation Syndrome](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Radiation Injuries](#)
- [Seminoma](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)