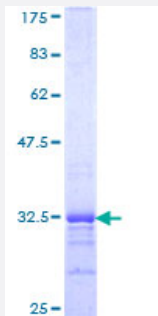


GNRHR2 (Human) Recombinant Protein (Q01)

Catalog # H00114814-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GNRHR2 partial ORF (NP_001457, 237 a.a. - 292 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TLGCRRGHQELSIDSSKEGSGRMLQEEIHAFRQLEVQKTVTSRRAGETKGISITSI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.9
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 — GNRHR2

Entrez GeneID [114814](#)

GeneBank Accession# [NM_057163](#)

Protein Accession# [NP_001457](#)

Gene Name GNRHR2

Gene Alias GnRH-II-R

Gene Description gonadotropin-releasing hormone (type 2) receptor 2

Gene Ontology [Hyperlink](#)

Gene Summary The receptor for gonadotropin releasing hormone 2 (GnRH2) is encoded by the GnRH2 receptor (GnRHR2) gene. In non-hominoid primates and non-mammalian vertebrates, GnRHR2 encodes a seven-transmembrane G-protein coupled receptor. However, in human, the N-terminus of the predicted protein contains a frameshift and premature stop codon. In human, GnRHR2 transcription occurs but whether the gene produces a functional C-terminal multi-transmembrane protein is currently unresolved. Alternative splice variants have been reported. An untranscribed pseudogene of GnRHR2 is also on chromosome 14. [provided by RefSeq]

Other Designations -

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)