

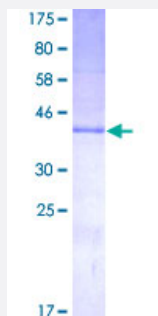
Full-Length

KISS1 (Human) Recombinant Protein (P01)

Catalog # H00003814-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KISS1 full-length ORF (NP_002247.3, 1 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNSLVSWQLLLFLCATHFGEPELVASVGNRPSTGQQLESLLAPGEQSLPCTERKPAATARL SRRGTSLSPPESSGSPQQPGLSAPHSRQIPAPQGAVLVQREKDLPNYNWNSFGLRFGKREAA PGNHGRSAGRG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.81
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 — KISS1

Entrez GeneID [3814](#)

GeneBank Accession# [BC022819.1](#)

Protein Accession# [NP_002247.3](#)

Gene Name KISS1

Gene Alias KiSS-1, METASTIN, MGC39258

Gene Description KiSS-1 metastasis-suppressor

Omim ID [603286](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a metastasis suppressor gene that suppresses metastases of melanomas and breast carcinomas without affecting tumorigenicity. The encoded protein may function to inhibit chemotaxis and invasion, attenuating metastasis in malignant melanomas. Studies suggest a putative role in the regulation of events downstream of cell-matrix adhesion, perhaps involving cytoskeletal reorganization. A polymorphism in the terminal exon of this mRNA results in two protein isoforms. An adenosine present at the polymorphic site represents the third position in a stop codon. When the adenosine is absent, a downstream stop codon is utilized and the encoded protein extends for an additional seven amino acid residues. [provided by RefSeq]

Other Designations OTTHUMP00000034312|kisspeptin|malignant melanoma metastasis-suppressor

Disease

- [Breast Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypogonadism](#)
- [Kallmann Syndrome](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)