

Recombinant Human KISS1R Protein, His-tagged, OVA Conjugated

Cat. No. KISS1R-2821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human KISS1R Protein (Ala324-Pro339) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Ala324-Pro339
Description	The protein encoded by this gene is a galanin-like G protein-coupled receptor that binds metastatin, a peptide encoded by the metastasis suppressor gene KISS1. The tissue distribution of the expressed gene suggests that it is involved in the regulation of endocrine function, and this is supported by the finding that this gene appears to play a role in the onset of puberty. Mutations in this gene have been associated with hypogonadotropic hypogonadism and central precocious puberty.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
Conjugation	OVA

GENE INFORMATION

Gene Name	KISS1R KISS1 receptor [Homo sapiens]
Official Symbol	KISS1R
Synonyms	KISS1R; KISS1 receptor; G protein coupled receptor 54 , GPR54; kiSS-1 receptor; AXOR12; HOT7T175; kiSS-1R; metastin receptor; hypogonadotropin-1; kisspeptins receptor; G protein-coupled receptor 54; G-protein coupled receptor 54; G-protein coupled receptor OT7T175; GPR54;
Gene ID	84634
mRNA Refseq	NM_032551
Protein Refseq	NP_115940

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MIM	604161
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UniProt ID	Q969F8
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