

# Recombinant Human KISS1R Protein, His-tagged, OVA Conjugated

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

## SPECIFICATION

<b>Product Overview</b>	OVA Conjugated Recombinant Human KISS1R Protein (Ala324-Pro339) fused with a N-His tag.
<b>Species</b>	Human
<b>Source</b>	Protein Conjugation
<b>ProteinLength</b>	Ala324-Pro339
<b>Description</b>	The protein encoded by this gene is a galanin-like G protein-coupled receptor that binds metastin, 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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 16 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.
<b>Conjugation</b>	OVA

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">KISS1R KISS1 receptor [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">KISS1R</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">84634</a>
<b>mRNA Refseq</b>	<a href="#">NM_032551</a>
<b>Protein Refseq</b>	<a href="#">NP_115940</a>

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<b>MIM</b>	604161
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<b>UniProt ID</b>	Q969F8
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