

Recombinant Human KISS1R Protein, His-tagged

Cat. No. KISS1R-2362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KISS1R Protein (Ile279-Leu398) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile279-Leu398
Description	This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.7 kDa Accurate Molecular Mass: 17 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

GENE INFORMATION

Gene Name	KISS1R KISS1 receptor [Homo sapiens (human)]
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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