



Peptide Kisspeptin for Inhibit the Growth and Metastasis of Cancer Cells

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Kisspeptin
- Minimum Order Quantity: 1KG
- Price: Negotiable
- Packaging Details: Aluminum Bag or 25KG/Fibre Drum
- Delivery Time: 3-5 work days after your payment
- Payment Terms: Western Union, T/T,
- Supply Ability: 4000kg/Month



Product Specification

- Product Name: Peptide Kisspeptin For Inhibit The Growth And Metastasis Of Cancer Cells
- CAS No: 374675-18-0
- Outlook: White Crystalline Powder
- Assay: 99%Min
- Shelf Life: 2 YEARS
- Storage Temperture: In Cool,dry Place
- Molecular Formula: C78H107N21O18
- MW: 1626.81



More Images



Product Description

What is Cosmetic Grade Peptide Kisspeptin For Weight Loss CAS 374675-18-0?

Basic Information:

Product Name	Peptide Kisspeptin For Inhibit the Growth and Metastasis of Cancer Cells
CAS	374675-18-0
Purity	99%min
MF	C78H107N21O18
Storage	2-8
Deliver Time	Within 24 Hours After Receiving The Payment
MOQ	1KG

Brief Introduction:

Kisspeptin is a peptide hormone discovered in 2001. Encoded by KISS-1 gene, kisspeptin-54, KISSpeptin-14, KISSpeptin-13 and Kisspeptin-10 can be hydrolyzed to produce amideated short peptides of different lengths. The C terminal contains arginine and phenylalanine. GPR54 is the receptor of Kisspeptin and belongs to G protein coupled receptor. Kisspeptin and its receptors are distributed in the brain and various tissues, and have effects on the growth and metastasis of cancer cells, regulation of fertility and endocrine.

Product Image:



**Function:****Role in tumor suppression**

Kisspeptin plays a role in tumor suppression. In a study where malignant tumor cells were injected into a model system, the system was then tested for genes involved in the injected chromosome 6. KISS1 was discovered to be the only gene expressed in non-metastatic cells and absent in metastatic, metastatic meaning the ability for cancer to spread to unconnected areas. This suggested that there Kisspeptin is an essential regulation factor in whether or not a cell will be metastatic or not. Additional experimentation identified CRSP3 as the exact gene responsible for KISS1 regulation within chromosome 6. In clinical evidence studies, KISS1 and Kisspeptin were found in primary, metastatic tumors, and growing tumors showing decreased levels of KISS1 and Kisspeptin. In conclusion, kisspeptin plays a large role in tumor suppression. When it is active in cells the tumor stays consolidated and does not spread or grow.

Role in reproduction

Kisspeptin is highly expressed during pregnancy. In early-term placentas, GPR54 was expressed at a higher rate than placentas at-term. The expression of kisspeptin, however, remains unchanged in the placenta throughout pregnancy. The increased expression of GPR54 in early-term placentas is due to the increased presence of intrusive trophoblasts during the beginning of pregnancy. Term cells, by comparison are less invasive. When measuring kisspeptin-54 during pregnancy, a 1000x increase was observed in early pregnancy with a 10 000x increase seen by the third trimester. Following birth, kisspeptin-54 levels returned to normal, showing the placenta as the source of these increased kisspeptin levels.

Role in kidney function

Kisspeptin and its receptor was found in various sites in the kidney, including in the collecting duct, vascular smooth muscle, and in the renal tubule cells. Much of the impact on the kidney deals with the increased production of aldosterone in the adrenals glands stimulated by kisspeptin. Kisspeptin directly increases release of aldosterone by several means, the first being through these receptors leading to a direct route to aldosterone release. Secondly, the H295R adrenal cells stimulated by kisspeptin can synthesize aldosterone by breaking down pregnenolone more efficiently. Lastly, the kisspeptin-angiotensin II pathway of producing aldosterone is increased. Aldosterone that comes from the neighboring adrenal glands causes reabsorption of filtrate in order to retain water, leading to an increased blood pressure.

Package and Shipping of Peptide Kisspeptin For Inhibit the Growth and Metastasis of Cancer Cells

Under 25kg: inner: A PE bag in aluminum foil bag; Outside: carton

Over 25kg: inner: Double PE bags; Outside: 25kg/ fibre drum



Shipping:

With 3-5 work days after your payment

FAQ of Peptide Kisspeptin For Inhibit the Growth and Metastasis of Cancer Cells

Q1: Do you Accept Sample Order?

A: Yes. The smallest order we accept is 1kg.

Q2: Do you accept VISA business credit card?

A: Yes. VISA business credit card is in our payment .

Q3: Is there any discount?

A: Yes, if you want to purchase larger quantity, we can offer better price for you.

Q4: How long does it take to me if I order?

A: About 3-5 days upon receipient of payment.

Q5: What kind of transportation do you have?

A: We have many ways of transportations, eg: Air, Sea, Special Lines,TNT, FEDEX, EMS, ect.



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