



98% Polypeptide Mammalian Hormones Oxytocin Powder CAS 50-56-6

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBV-Oxytocin
- Minimum Order Quantity: 5box
- Price: US \$ 35-39/ box
- Packaging Details: 2mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: , Western Union, T/T
- Supply Ability: 3000kg/Month



Product Specification

- Name: Oxytocin
- Appearance: White Lyophilized Powder
- Purity: 98%min
- CAS No.: 50-56-6
- MW: 1007.193
- MF: C43H66N12O12S2
- Storage: Closed, 2 ~ 8
- Highlight: **98% polypeptide oxytocin powder , mammalian hormones oxytocin CAS 50-56-6 , Tirzepatide oxytocin powder with warranty**



More Images



Product Description

98% Polypeptide Mammalian Hormones Oxytocin powder CAS 50-56-6 Factory Price



Basic Information Form of Oxytocin

Peptide Name	Oxytocin
CAS NO.	50-56-6
MW	1007.193
MF	C43H66N12O12S2
Appearance	White Lyophilized Powder
Fineness	99%
Stability	2 years

What is oxytocin ?

Oxytocin (Oxt) is a mammalian neurohypophysial hormone. Produced by the hypothalamus and stored and secreted by the posterior pituitary gland, oxytocin acts primarily as a neuromodulator in the brain.

Oxytocin plays an important role in the neuroanatomy of intimacy, specifically in sexual reproduction of both sexes, in particular during and after childbirth; its name, meaning "swift childbirth", comes from Greek, oksys "swift" and , tokos "birth." It is released in large amounts after distension of the cervix and uterus during labor, facilitating birth, maternal bonding, and, after stimulation of the nipples, lactation. Both childbirth and milk ejection result from positive feedback mechanisms.

How are oxytocin levels controlled?

Oxytocin is one of a few hormones that have a positive feedback loop. This means that the release of oxytocin leads to actions that stimulate your pituitary gland to release even more of it.

Most hormones create negative feedback loops after they're released, meaning your body releases less of the hormone after it has its effect on your body.

With uterine contractions in childbirth, pressure on your cervix from your unborn baby stimulates your pituitary to release oxytocin. The release continues until your baby is born. With lactation and breastfeeding (chestfeeding), your baby's sucking stimulates your pituitary to release oxytocin to push milk through your breast tissue. The release continues until your baby stops feeding and will restart when your baby feeds again.

What happens when oxytocin levels are low?

Having lower-than-normal levels of oxytocin is rare.

Low levels of oxytocin could stop uterine contractions during the birthing process and prevent milk ejection after giving birth. Although it's rare, the most common cause of lower-than-normal oxytocin levels is panhypopituitarism, a condition in which all the levels of hormones your pituitary gland releases are below normal.

Low oxytocin levels have been linked to autism spectrum disorder and depressive symptoms. Scientists are still researching the connection between oxytocin and these conditions, and the potential of using synthetic oxytocin as a treatment.

What happens when oxytocin levels are high?

Having higher-than-normal oxytocin levels is very rare for people assigned female at birth (AFAB) and is called oxytocin toxicity. It results in an overactive uterus, causing an increase in uterine muscle mass (hypertrophy), which limits pregnancy due to not being enough space in your uterus to hold your fetus.

For people assigned male at birth, high levels of oxytocin have been linked to benign prostatic hyperplasia (BPH). BPH is a condition in which the prostate, a walnut-sized body part made of glandular and muscular tissue, grows in size.

The prostate surrounds part of the urethra, which is the tube that carries urine and sperm out of the body. BPH can make it difficult to pee (urinate). It affects more than half of people assigned male at birth over the age of 60.

Product Image of Oxytocin



Package and Shipping of Oxytocin

Package: 2mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of Oxytocin

Q1: Do you Accept Sample Order?

A: Yes. The smallest order we accept is one box.

Q2: Do you accept VISA business credit card?

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

Q3: How long does it take to me if I order?

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

Q4: Is there any discount?

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

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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