

Product: Oxytocin (OT)
Catalog #: 12-4231
Amount: 1 mg

DESCRIPTION:

Synthetic Human Oxytocin is a single, non-glycosylated, polypeptide chain containing 9 amino acids and having a molecular mass of 1007.2144 Dalton.

Human Oxytocin stimulates uterine smooth muscle contractions indirectly and stimulates the mammary glands to increase lactation without increasing the production of milk.

The amino acid sequence:

Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH₂.

SOURCE:

Synthetic peptide

PURITY:

> 98%, as determined by:

(a) Analysis by RP-HPLC

(b) Mass Spectral Analysis {MALDI-TOF exhibits correct Mw}.

FORM:

Purified, in 0.1 % BSA

STORAGE:

-20°C (aliquot), avoid freezing and thawing cycles

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