

## Human Oxytocin (OT) Peptide

Catalogue No.: abx261836

This product is for research use only and is not for cosmetic, therapeutic or diagnostic use or human consumption. This product must be dispatched to a scientific laboratory and cannot be dispatched to a residential address.

<b>Target:</b>	Oxytocin (OT)
<b>Origin:</b>	Human
<b>Expression:</b>	Synthetic
<b>Conjugation:</b>	Unconjugated
<b>Form:</b>	Lyophilized
<b>Purity:</b>	> 99% (RP-HPLC)
<b>Purification:</b>	Purified by proprietary chromatographic techniques.
<b>Reconstitution:</b>	Reconstitute in sterile 18 MΩ · cm water to a concentration of at least 100 µg/ml. This stock solution can be further diluted if required.
<b>Storage:</b>	Stable at room temperature for up to 3 weeks. It is recommended to store this product desiccated at or below -18 °C. After reconstitution, store at 4 °C for short-term storage (up to 7 days) or below -18 °C for long-term storage. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P01178 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>KEGG:</b>	hsa:5020
<b>String:</b>	<a href="#">9606.ENSP00000217386</a>
<b>Molecular Weight:</b>	1007.2 Da
<b>Molecular Formula:</b>	C <sub>43</sub> H <sub>66</sub> N <sub>12</sub> O <sub>12</sub> S <sub>2</sub>
<b>Sequence:</b>	Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH <sub>2</sub> .
<b>Buffer:</b>	Does not contain preservatives.
<b>Activity:</b>	Not tested



# Datasheet

Version: 7.0.0

Revision date: 18 Mar 2025



**Biological Activity:** 1 mg of Oxytocin has a specific activity greater than 540 IU/mg.

**Concentration:** Prior to lyophilization: 1 mg/ml

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For Reference Only