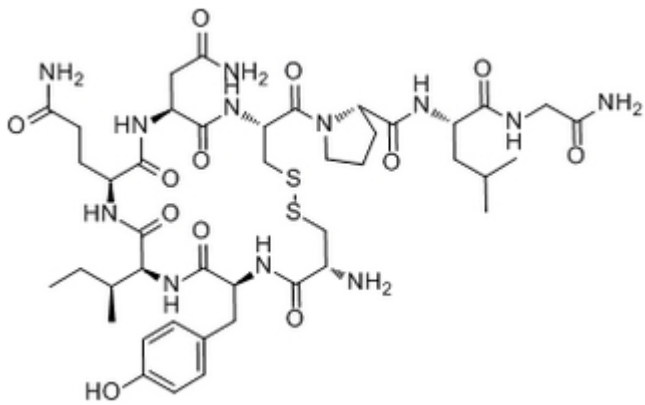


Oxytocin

Catalog #	Source	Reactivity	Applications
CCP1365	Synthetic		
Description	Peptide to Oxytocin		
Biological Description	Oxytocin (OXT) is used to assist during labor to stimulate contractions of the uterus and mammary glands for milk letdown. Endogenous oxytocin also plays an important role in social behavior.		
Form	Lyophilized powder		
CAS Number	50-56-6		
Molecular Formula	C43H66N12O12S2		
Molecular Weight	1007.2		
Purity	> 95%		
Chemical Structure	Cys - Tyr - Ile - Gln - Asn - Cys - Pro - Leu - Gly - NH ₂ (Disulfide bridge Cys1 - Cys6)		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		
Structure			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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