

PE-05AAB95-P

Oxytocin (20-28) Peptide Powder

9-mer peptide based on Oxytocin



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Target Protein

Name Long:	Oxytocin, prepro-(Neurophysin I)
Name Alias:	OXT
Species Origin:	Human
UniProt ID:	X5D7M6

Peptide Structure

Peptide Name:	Oxytocin (20-28)
Peptide Origin:	Internal sequence in target protein.
Peptide Sequence Location:	C20-G28
Peptide Sequence:	CYIQNCPLG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	C-C cyclized

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1007.2
% Peptide Purity:	> 95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	USP05BBA
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Peptide is highly conserved in diverse mammalian species and biologically active.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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