

# PE-05AAA80-P

## Urotensin-2 (114-124) acid Peptide Powder

11-mer peptide based on UTS2



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Urotensin-2
<b>Name Alias:</b>	Urotensin II, UII
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	O95399

### Peptide Structure

<b>Peptide Name:</b>	Urotensin-2 (114-124) acid
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	E114-V124
<b>Peptide Sequence:</b>	ETPDCFWKYCV
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Acid
<b>Peptide Modifications Other:</b>	C-C cyclized

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1390.4
<b>% Peptide Purity:</b>	> 80
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	#27051 / KSP05CAD
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	Urotensin-2 is a highly potent vasoconstrictor that has been identified as a ligand for the orphan receptor GPR14 , which elicits potent vasoconstriction in primates.
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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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