

PE-05AAF95-P

Urotensin-2B (112-119) Peptide Powder

8-mer peptide based on UTS2D



KINEXUS

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Target Protein

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|------------------------|--|
| Name Long: | Urotensin-2B |
| Name Alias: | Urotensin II-related peptide;Urotensin IIB;Urotensin-2 domain-containing protein |
| Species Origin: | Human |
| UniProt ID: | Q765I0 |

Peptide Structure

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|-------------------------------------|--------------------------------------|
| Peptide Name: | Urotensin-2B (112-119) |
| Peptide Origin: | Internal sequence in target protein. |
| Peptide Sequence Location: | A112-V119 |
| Peptide Sequence: | ACFWKYCV |
| Peptide N-Terminus: | Free amino |
| Peptide C-Terminus: | Amide |
| Peptide Modifications Other: | C-C cyclized |

Production

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|-----------------------------------|---|
| Peptide Production Method: | Solid-phase peptide synthesis |
| Calculated Peptide Mass: | 1016.2 |
| % 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: | USP05BAZ |
| Amount: | 1 mg |
| Storage Conditions: | Frozen at -20°C |
| Storage Stability: | Over 1 year at -20°C |

Applications

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| Product Use: | Peptide binds and activates the human or rat Urotensin-2 receptors (GPR14, UT receptor [UTR]) and shows a hypotensive effect when administered to anesthetized rats. |
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)