

PE-01BHZ85-P

MAPKAPK2Subtide Peptide Powder

15-mer kinase substrate peptide for assaying MAPKAPK2



Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

| | |
|--------------------|--|
| Name Long: | Mitogen-activated protein kinase-activated protein kinase 2 |
| Name Alias: | MAP kinase-activated protein kinase 2; MAPK2; MAPKAP kinase 2; MK2; RPS6KC1; ENSG00000162889 |
| UniProt ID: | P49137 |

Peptide Structure

| | |
|-------------------------------------|--|
| Peptide Name: | MAPKAPK2Subtide |
| Peptide Origin: | Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm. |
| Peptide Sequence Location: | Not applicable |
| Peptide Sequence: | RFLRRRLSFRVFLAC |
| Peptide N-Terminus: | Free amino |
| Peptide C-Terminus: | Amide |
| Peptide Modifications Other: | None |

Production

| | |
|-----------------------------------|---|
| Peptide Production Method: | Solid-phase peptide synthesis |
| Calculated Peptide Mass: | 1968.5 |
| Observed Peptide Mass: | 1966.0 |
| % Peptide Purity: | >85 |
| 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: | KMP01CAR-27 |
| Amount: | 1 mg |
| Storage Conditions: | Frozen at -20°C |
| Storage Stability: | Over 1 year at -20°C |

Applications

| | |
|---------------------|--|
| Product Use: | For assaying the phosphotransferase activity of Mitogen-activated protein kinase-activated protein kinase 2 (UniProt ID P49137). |
|---------------------|--|

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)