

PE-01AUS99-P KIT (38-52) Peptide Powder

16-mer immunogen peptide based on Kit



KINEXUS

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Target Protein

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|------------------------|---|
| Name Long: | Mast/stem cell growth factor receptor protein-tyrosine Kit |
| Name Alias: | CD117; C-kit; Kinase Kit; Mast/stem cell growth factor receptor precursor; PBT; SCFR; SL; V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene; V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homologue; ENSG00000157404 |
| Species Origin: | Human |
| UniProt ID: | P10721 |

Peptide Structure

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| Peptide Name: | KIT (38-52) |
| Peptide Origin: | In the extracellular domain of the receptor. |
| Peptide Sequence Location: | S38-D52 |
| Peptide Sequence: | CSIHGKSDLIVRVGD |
| Peptide N-Terminus: | Free amino |
| Peptide C-Terminus: | Amide |
| Peptide Modifications Other: | None |

Production

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|-----------------------------------|---|
| Peptide Production Method: | Solid-phase peptide synthesis |
| Calculated Peptide Mass: | 1694.9 |
| Observed Peptide Mass: | 1697.4 |
| % Peptide Purity: | 100 |
| 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: | KMP01CAK-100 |
| Amount: | 1 mg |
| Storage Conditions: | Frozen at -20°C |
| Storage Stability: | Over 1 year at -20°C |

Applications

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| Product Use: | Serves as a blocking peptide for use with the KIT rabbit polyclonal antibody (Cat. No.: NK241-3) that is also available from Kinexus. |
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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)