

PE-01BHQ90-P

IRAKSelectide Peptide Powder

16-mer kinase substrate peptide for assaying IRAK1



KINEXUS

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Target Protein

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|--------------------|--|
| Name Long: | Interleukin 1 receptor-associated kinase 1 (Pelle-like protein kinase) |
| Name Alias: | IL1RAK; IRAK; IRAK-1; Kinase IRAK1; MPLK; Pelle; Pelle-like protein kinase |
| UniProt ID: | P51617 |

Peptide Structure

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|-------------------------------------|--|
| Peptide Name: | IRAKSelectide |
| 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: | KKQQQKFITMVVIVAC |
| 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: | 1935.4 |
| Observed Peptide Mass: | 1934.9 |
| % Peptide Purity: | >90 |
| 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-18 |
| Amount: | 1 mg |
| Storage Conditions: | Frozen at -20°C |
| Storage Stability: | Over 1 year at -20°C |

Applications

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| Product Use: | For assaying the phosphotransferase activity of Interleukin 1 receptor-associated kinase 1 (Pelle-like protein kinase) (UniProt ID P51617). |
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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)