

PE-01BFR99-P

IDH1 (129-135) Peptide Powder

9-mer immunogen peptide based on IDH1



KINEXUS

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Target Protein

| | |
|------------------------|--|
| Name Long: | Isocitrate dehydrogenase [NADP] cytoplasmic |
| Name Alias: | Cytosolic NADP-isocitrate dehydrogenase; IDH; IDHC; IDP; Isocitrate dehydrogenase 1 (NADP+) soluble; NADP+-specific ICDH; Oxalosuccinate decarboxylase; PICD |
| Species Origin: | Human |
| UniProt ID: | O75874 |

Peptide Structure

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|-------------------------------------|--------------------------------------|
| Peptide Name: | IDH1 (129-135) |
| Peptide Origin: | Internal sequence in target protein. |
| Peptide Sequence Location: | I129-Y135 |
| Peptide Sequence: | IIGRHAY(bA)C |
| 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: | 1002.1 |
| Observed Peptide Mass: | 1003.17 |
| % Peptide Purity: | 96.88 |
| 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: | KMP01CAL-03 |
| Amount: | 1 mg |
| Storage Conditions: | Frozen at -20°C |
| Storage Stability: | Over 1 year at -20°C |

This product is for in vitro research use only and is not intended for use in humans or animals.

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