

PE-01BFZ90-P

H-Ras (58-64) Peptide Powder

9-mer immunogen peptide based on H-Ras



KINEXUS

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Target Protein

| | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name Long: | GTPase HRas |
| Name Alias: | C-H-ras; HRAS1; RasH; Transforming protein p21; Transforming protein p21/H-Ras-1; V-Ha-ras Harvey rat sarcoma viral oncogene; V-Ha-ras Harvey rat sarcoma viral oncogene homolog |
| Species Origin: | Human |
| UniProt ID: | P01112 |

Peptide Structure

| | |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Peptide Name: | H-Ras (58-64) |
| Peptide Origin: | GTP-binding site. Q61R is an oncogenic mutation in H-Ras and other Ras isoforms that leads to constitutive activation due to inhibition of its GTPase activity. |
| Peptide Sequence Location: | T58-Y64 |
| Peptide Sequence: | TAGREEY(bA)C |
| Peptide N-Terminus: | Free amino |
| Peptide C-Terminus: | Amide |
| Peptide Modifications Other: | None; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose |

Production

| | |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| Peptide Production Method: | Solid-phase peptide synthesis |
| Calculated Peptide Mass: | 999.1 |
| Observed Peptide Mass: | 998 |
| % Peptide Purity: | 89.7 |
| 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: | KMP01CAH-11 |
| 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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