

PE-01BFS99-P

IDH1 (129-135) Peptide Powder

9-mer immunogen peptide based on IDH1



KINEXUS

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

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

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

Peptide Name:	IDH1 (129-135)
Peptide Origin:	The R132H mutation, which inhibits IDH1 enzyme activity with pyruvate, is a commonly found in glioblastomas and some other forms of human cancers.
Peptide Sequence Location:	I129-Y135
Peptide Sequence:	IIGHHAY(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	984.4
Observed Peptide Mass:	983.1
% Peptide Purity:	97.9
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-3
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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