

PE-05AAC95-P

IGF1R antagonist Peptide Powder

25-mer peptide based on IGF1R



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Target Protein

Name Long:	Insulin-like growth factor 1 receptor
Name Alias:	CD221; IGFIR; Insulin-like growth factor I receptor; JTK13; MGC142170; MGC142172
Species Origin:	Human
UniProt ID:	P08069

Peptide Structure

Peptide Name:	IGF1R antagonist
Peptide Sequence Location:	Not applicable
Peptide Sequence:	DFYGCLLDLSLGVPSLGWRRRCITA
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	C-C cyclized

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2811.3
% Peptide Purity:	> 95
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:	USP05BAC
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Peptide has binding affinity to IGF-1R and an antagonistic effect on IGF-1 dependent growth of SW480 cells.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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