

# PE-05AAC95-P

## IGF1R antagonist Peptide Powder

25-mer peptide based on IGF1R



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### Target Protein

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

### Peptide Structure

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

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	2811.3
<b>% Peptide Purity:</b>	> 95
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	USP05BAC
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	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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