

# PE-01ABB90-P

## GAD2 (558-565) Peptide Powder

8-mer peptide based on GAD2



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### Target Protein

<b>Name Long:</b>	Glutamate decarboxylase 2
<b>Name Alias:</b>	GAD65; 65 kDa glutamic acid decarboxylase
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q05329

### Peptide Structure

<b>Peptide Name:</b>	GAD2 (558-565)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	R558-A565
<b>Peptide Sequence:</b>	RMVISNPA
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	886.1
<b>% Peptide Purity:</b>	> 90
<b>Peptide Appearance:</b>	Bright green powder/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>	SP01ACR
<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 serve as an active pharmaceutical ingredient of vaccine compositions that stimulate anti-tumour immune responses.
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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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