

# PE-01BFO99-P

## G-alpha(q) (206-212) Peptide Powder

9-mer immunogen peptide based on G-alpha(q)



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### Target Protein

<b>Name Long:</b>	Guanine nucleotide-binding protein G(q) subunit alpha
<b>Name Alias:</b>	G-ALPHA-q; GAQ; GBQ; GNAQ; guanine nucleotide binding protein (G protein) q polypeptide; guanine nucleotide-binding protein alpha-q; guanine nucleotide-binding protein G(q), alpha subunit
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	P50148

### Peptide Structure

<b>Peptide Name:</b>	G-alpha(q) (206-212)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	V206-E212
<b>Peptide Sequence:</b>	VGGQRSE(bA)C
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	903.5
<b>Observed Peptide Mass:</b>	905.96
<b>% Peptide Purity:</b>	100
<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>	KMP01CAL-13
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	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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