

# Human Glucocorticoid Receptor (aa 346-367) Synthetic Peptide

## Product Details

Size	50 µg
Species Reactivity	Human
Host/Isotype	Artificial Control
Class	Synthetic
Type	Peptide
Conjugate	Unconjugated
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	purified
Contains	no preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

## Product Specific Information

PEP-001 is a 22 amino acid (amino acids 346-367) synthetic peptide whose sequence is from the amino terminus of the human glucocorticoid receptor (GR). The sequence of this peptide is (amino to carboxy terminus): D-Q-K-P-I-F-N-V-I-P-P-I-P-V-G-S-E-N-W-N-R-C (The C-terminal cysteine has been added to facilitate conjugation and is not a part of the native human GR sequence)

This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and the human GR, catalog # PA1-511A. Using a solution with equal weights per unit volume of peptide and corresponding antibody will yield a solution with a large molar excess of peptide that is able to competitively bind the antibody.

Reconstitute with 0.1 mL of distilled water.

Miscellaneous PubMed (1)

The Journal of endocrinology	Year 2001
<b>The steroid receptor antagonists RU40555 and RU486 activate glucocorticoid receptor translocation and are not excreted by the steroid hormones transporter in L929 cells.</b>	
Authors: Pariante CM,Pearce BD,Pisell TL,Su C,Miller AH	

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