

# Human Glucocorticoid Receptor (aa 245-259) 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 | -            |

## Product Specific Information

PEP-002 is a 15 amino acid (amino acids 245-259) 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): C-K-P-L-I-L-P-D-T-K-P-K-I-K-D (The N-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 # PA1-512. 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.

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