

Rat Calcium Sensing Receptor (aa 12-27) Synthetic Peptide

Product Details	
Size	50 µg
Species Reactivity	Rat
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-009 is a 16 amino acid (amino acids 12-27) synthetic peptide whose sequence is from the amino-terminal end of the rat calcium-sensing receptor protein. The sequence of this peptide is (amino to carboxy terminus): A-L-A-W-H-S-S-A-Y-G-P-D-Q-R-A-Q

This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and the calcium-sensing receptor, catalog # PA1-934A. 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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