

Bovine Rhodopsin (aa 338-348) Synthetic Peptide

Product Details	
Size	50 µg
Species Reactivity	Bovine
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-174 is a 12 amino acid synthetic peptide whose sequence is derived from bovine rhodopsin protein. The sequence of this peptide is (amino to carboxy terminus): C-S (338)-K-T-E-T-S-Q-V-A-P-A (348)

This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and bovine rhodopsin, catalog # PA1-729. Using a solution of peptide of equal volume and concentration to the corresponding antibody will yield a large molar excess of peptide (~70-fold) for competitive inhibition of antibody-protein binding reactions.

Reconstitute with 0.1 mL of distilled water.

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