

## Rhodopsin Epitope Tag

## Chemical Properties

CAS No. :

Formula: C37H62N10O16

Molecular Weight: 902.95

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Rhodopsin Epitope Tag, a 9-amino acid peptide representing the C terminus of bovine rhodopsin, is widely used as an epitope tag recognized by various anti-rhodopsin antibodies.
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## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1075 mL	5.5374 mL	11.0748 mL
5 mM	0.2215 mL	1.1075 mL	2.215 mL
10 mM	0.1107 mL	0.5537 mL	1.1075 mL
50 mM	0.0221 mL	0.1107 mL	0.2215 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Hodges RS, Heaton RJ, Parker JM, Molday L, Molday RS. Antigen-antibody interaction. Synthetic peptides define linear antigenic determinants recognized by monoclonal antibodies directed to the cytoplasmic carboxyl terminus of rhodopsin. J Biol Chem. 1988;263:11768-11775.

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