

Rhodopsin Epitope Tag

Cat. No.:	HY-P1509
Molecular Formula:	C ₃₇ H ₆₂ N ₁₀ O ₁₆
Molecular Weight:	902.95
Sequence:	Thr-Glu-Thr-Ser-Gln-Val-Ala-Pro-Ala
Sequence Shortening:	TETSQVAPA
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description	Rhodopsin Epitope Tag is a 9-amino acid peptide localized within the C-terminal region of bovine rhodopsin . Rhodopsin Epitope Tag is widely used as an epitope tag and can be recognized by a number of anti-rhodopsin antibodies.
In Vitro	Rhodopsin Epitope Tag is a 9-amino acid peptide localized within the C-terminal region of bovine rhodopsin . Rhodopsin Epitope Tag is widely used as an epitope tag and can be recognized by a number of anti-rhodopsin antibodies. The specificities of four monoclonal antibodies rho 1D4, 1C5, 3A6, and 3D6 prepared by immunization of rod outer segments containing rhodopsin have been defined using synthetic peptides. All of these antibodies interact within the 18 residues at the COOH terminus of rhodopsin and recognize linear antigenic determinants of 4-11 residues ^[1] .

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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