10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

(DANRE) opn1sw1 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP21179a

Specification

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Product Information

Primary Accession Q9W6A9

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Additional Information

Gene ID 30582

Other Names
Opsin-1, short-wave-sensitive 1, Opsin SWS-1, Ultraviolet cone photoreceptor pigment, Ultraviolet-sensitive opsin, opn1sw1, opn1sw2, sws1, uvops

Target/Specificity
The synthetic peptide sequence is selected from aa 15-27 of HUMAN opn1sw1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Protein Information

Name opn1sw1

Synonyms opn1sw2, sws1, uvops

Function
Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Retinal short single cones, outer and inner segments.

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Images

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Background

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(DANRE) opn1sw1 Blocking Peptide (N-Term) - References

Vihtelic T.S.,et al.Vis. Neurosci. 16:571-585(1999).
Chinen A.,et al.Genetics 163:663-675(2003).