

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Melanopsin (L470) Peptide

Cat No.: BS2859P

Background

Melanopsin is an opsin-like protein found in the retinal ganglion cells of mammals. Melanopsin is believed to be part of a secondary optical system that parallels that of the classic rod and cone system. This second system reports directly to the supra-chiasmatic nucleus and is responsible for regulation of circadian rhythms. Melanopsin is believed to be the primary photopigment responsible for the regulation of these circadian rhythms, and Melanopsin knockout mice have been generated which demonstrate decreased capacity to entrain to light and dark cycles.

Swiss-Prot

Q9UHM6

Applications

Blocking

Specificity

This peptide can be used with studies using BS2859 Melanopsin (L470) pAb.

Purification & Purity

Synthetic peptide Melanopsin (L470). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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