

MTNR1A 抗原

中文名称: MTNR1A 抗原

英文名称: MTNR1A Antigen

相关类别: 抗原

储 存: 冷冻 (-20℃)

概述

Synthetic peptide corresponding to a region derived from 130-144 amino acids of human melatonin receptor 1A

技术规格

Full name	melatonin receptor 1A
Synonyms	MT1, MEL-1A-R
Swissprot	P48039
Gene Accession	NP_005949
Background	This gene encodes one of two high affinity forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This receptor is a G-protein coupled, 7-transmembrane receptor that is responsible for melatonin effects on mammalian circadian rhythm and reproductive alterations affected by day length. The receptor is an integral membrane protein that is readily detectable and localized to two specific regions of the brain. The hypothalamic suprachiasmatic nucleus appears to be involved in circadian rhythm while the hypophysial pars tuberalis may be responsible for the reproductive effects of melatonin.

