

## MTNR1A 抗原（多肽片段）

中文名称： MTNR1A 抗原（多肽片段）

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

<b>Full name</b>	melatonin receptor 1A
<b>Synonyms</b>	MT1, MEL-1A-R
<b>Swissprot</b>	P48039
<b>Gene Accession</b>	NP_005949
<b>Background</b>	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.