

## **PRODUCT INFORMATION**

Target MTR1L
Synonyms H9, Mel1c

**Description**Human MTR1L full length protein-synthetic

nanodisc

Delivery 6~8weeks

Uniprot ID Q13585

Expression Host HEK293

Storage & Shipping

**Background** 

**Protein Families** GPCR,Transmembrane,Druggable Genome, **Protein Pathways** GPCRDB Class A Rhodopsin-like,Cell Cycle,

Molecular Weight

The human full length MTR1L protein has a MW of

67.4kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5%

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments.

Store at -20°C to -80°C for 12 months in

lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

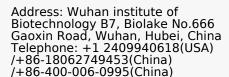
temperature.

This gene product belongs to the G-protein coupled receptor 1 family. Even though this protein shares similarity with the melatonin receptors, it does not bind melatonin, however, it inhibits melatonin receptor 1A function through the terrodimerization. Polymorphic variants of this

heterodimerization. Polymorphic variants of this gene have been associated with bipolar affective disorder in women. [provided by RefSeq, Jan

2010]

**Usage** Research use only



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