

Recombinant Mouse Mtnr1a Protein, Myc/DDK-tagged

Cat. No. Mtnr1a-4221M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length melatonin receptor 1A (Mtnr1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	High affinity receptor for melatonin. Likely to mediate the reproductive and circadian actions of melatonin. The activity of this receptor is mediated by pertussis toxin sensitive G proteins that inhibit adenylate cyclase activity.
Molecular Mass	40.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Mtnr1a melatonin receptor 1A [Mus musculus (house mouse)]
Official Symbol	Mtnr1a
Synonyms	MTNR1A; melatonin receptor 1A; melatonin receptor type 1A; mel-1A-R; Mel1a receptor; MR; MelR; MGC151277
Gene ID	17773
mRNA Refseq	NM_008639
Protein Refseq	NP_032665
UniProt ID	Q61184

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