

Recombinant Mouse Mtnr1a protein, His-tagged

Cat. No. Mtnr1a-8165M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mtnr1a aa. (Leu300~Val353) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu300~Val353
Form	Freeze-dried powder
Molecular Mass	13kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.4.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Mtnr1a melatonin receptor 1A [Mus musculus (house mouse)]
Official Symbol	Mtnr1a
Synonyms	MR; MelR; Mel1a receptor; mel-1A-R; melatonin receptor type 1A
Gene ID	17773
mRNA Refseq	NM_008639.2
Protein Refseq	NP_032665.1
UniProt ID	Q61184

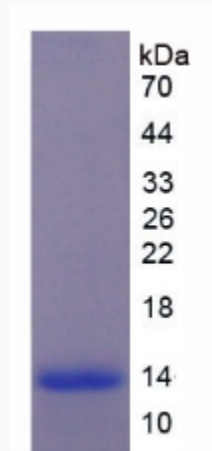
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SDS-PAGE



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