

Recombinant Cattle MTNR1A protein, His & S-tagged

Cat. No. MTNR1A-8162C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle MTNR1A aa. (Gly216~Pro257 (Accession # O02769)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Gly216~Pro257
Form	Freeze-dried powder
Molecular Mass	14kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.
Applications	SDS-PAGE; WB; ELISA; IP
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.

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.05% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

MTNR1A melatonin receptor 1A [Bos taurus (cattle)]

Official Symbol

MTNR1A

Synonyms

MT1; Mel-1A-R; mel1a receptor; melatonin receptor type 1A

Gene ID

539948

mRNA Refseq

XM_002698656.4

Protein Refseq

XP_002698702.1

UniProt ID

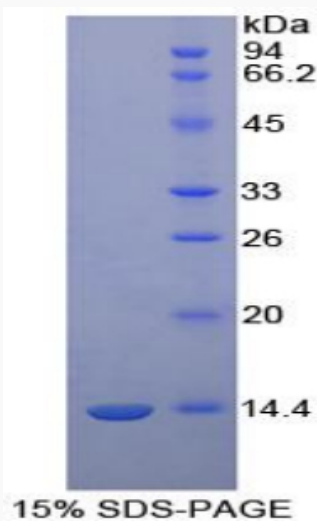
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SDS-PAGE



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