

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

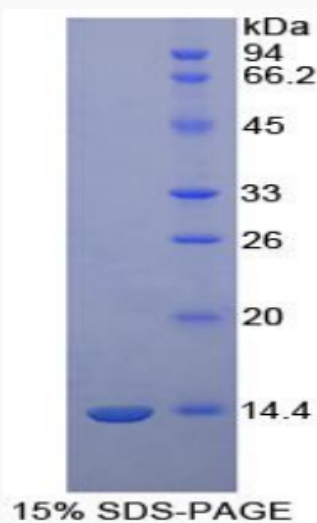
Gene Name	MTNR1A melatonin receptor 1A [Bos taurus (cattle)]
Official Symbol	MTNR1A
Synonyms	MT1; Mel-1A-R; mel1a receptor; melatonin receptor type 1A
Gene ID	539948
mRNA Refseq	XM_002698656.4
Protein Refseq	XP_002698702.1
UniProt ID	O02769

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SDS-PAGE



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