

Recombinant Goat MTNR1A protein, His & S-tagged

Cat. No. MTNR1A-8163G Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Goat MTNR1A aa. (Gly312~Val366) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Goat
Source	E.coli
ProteinLength	Gly312~Val366
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
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 [*Capra hircus* (goat)]

Official Symbol

MTNR1A

Synonyms

melatonin receptor type 1A

Gene ID

102189094

mRNA Refseq

XM_018041838.1

Protein Refseq

XP_017897327.1

UniProt ID

K0IYS4

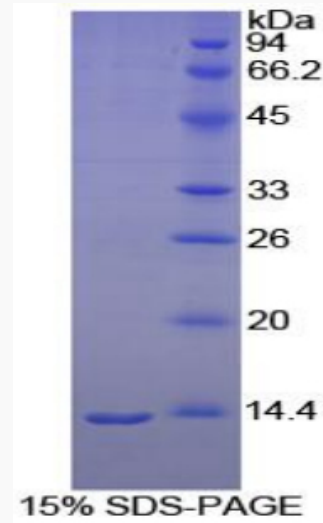
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SDS-PAGE



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