



Recombinant Human Nocturnin (CCRN4L)

Product Code	CSB-EP892448HU-B
Abbreviation	CCRN4L
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UK39
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MFHSPRRLCS ALLQRDAPGL RRLPAPGLRR PLSPPAAVPR PASPRLLAAA SAASGAARSC SRTVCSMG TG TSRLYSALAK TLNSSAASQH PEYLVSPDPE HLEPIDPKEL LEECRAVLHT RPPRFQRDFV DLRTDCPSTH PPIRVMQWNI LAQALGEGKD NFVQCPVEAL KWEERKCLIL EEILAYQPDI LCLQEVDHYF DTFQPLLSRL GYQGTFFPKP WSPCLDVEHN NGPDGCALFF LQNRFKLVNS ANIRLTAMTL KTNQVAIAQT LECKESGRQF CIAVTHLKAR TGWERFRSAQ GCDLLQNLQN ITQGAKIPLI VCGDFNAEPT EEVYKHFASS SLNLNSAYKL LSADGQSEPP YTTWKIRTSG ECRHTLDYIW YSKHALNVRS ALDLLTEEQI GPNRLPSFNY PSDHLSLVCD FSFTEESDGL S
Source	E.coli
Target Names	NOCT
Protein Names	Recommended name: Nocturnin Alternative name(s): CCR4 protein homolog
Expression Region	1-431
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is highly similar to Nocturnin, a gene identified as a circadian clock regulated gene in <i>Xenopus laevis</i> . This protein and Nocturnin protein share similarity with the C-terminal domain of a yeast transcription factor, carbon catabolite repression 4 (CCR4). The mRNA abundance of a similar gene in mouse has been shown to exhibit circadian rhythmicity, which suggests a role for this protein in clock function or as a circadian clock effector.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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