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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

PER1 (Human) Recombinant Protein (P01)

Catalog Number: H00005187-P01

Regulation Status: For research use only (RUO)

Product Description: Human PER1 full-length ORF (NP_002607.1, 1 a.a. - 1290 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MSGPLEGADGGGDP RPGESFC PGGVSPGPPQHRP
CPGPSLADDDANSNGSSGNESNGHESRGASQRSSH
SSSSGNGKDSALLETTESSKSTNSQSPSPSSSIAYSL
LSASSEQDN PSTSGCSSEQSARARTQKELMTALRELK
LRLPPERRGKGRSGTLATLQYALACVKQVQANQEYY
QQWSLEEGEPCSM DMSTYLEELEHITSEYTLQNQDT
FSVAVSFLTGRIVYISEQAAVLLRCKRDVFRGTRFSELL
APQDVGVFYGSTAP SRLPTWGTGASAGSGLRDFTE
KSVFCRIRGGPDRDPGRYPFRLTPYVTKIRVSDGA
PAQPCCLLIAERIHSGYEAPRIPPDKRIFTRHTPSCLF
QDVERAAPLLGYLPQDLLGAPVLLFLHPEDRPLMLAI
HKKILQLAGQPFDHSPIRFCARNGEYVTMDTSWAGFV
HPWSRKVAFVLGRHKVRTAPLNEDVFTPPAPSPAPSL
DTDIQELSEQIHRLLLQPVHSPSPTGLCGVAVTSPGP
LHSPGSSSDSNGGDAEGPGPPAPVTFQICKDVHLVK
HQQQLFIESRARPQSRPRLPATGTFKAKALPCQSPD
PELEAGSAPVQAPLALVPEEAERKEASSCSYQQINCL
DSILRYLESCNLPSTTKRKCASSSYTTSSASDDDRQR
TGPVSVGTTKDPSPAALS GEGATPRKEPVVGGTSLPL
ALANKAESVSVTSQCSFSSTIVHVGDKKPPESDIIMM
EDLPLGLAPGAPSPAPSPTVAPDPAPDAYRPVGLTKA
VLSLHTQKEEQAFLSRFRDLGRLRGLDSSSTAPSALG
ERGCHHGPAPPSRRHHCRSKAKRSRHHQNPRAEAP
CYVSHSPVPPSTPWPTPPATPPFAVVQPYPLPVFS
PRGGPQLPPAPTSVPPAAFPAPLVTPMVALVLPNYLF
PTPSSYPYGALQTPAEGPPTPASHSPSPSLPALPPSP
PHRPDSPLFNSRCSSPLQLNLLQLEELPRAEGA AVAG
GPGSSAGPPPPSAEAAEPEARLAEVTESSNQDALSGS
SDLELLLQEDSRSGTGSAA SGLGSLGSGSGSGSH
EGGSTASITRSSQSSHTSKYFGSIDSSEAEAGAARG
GAEPGDQVIKYVLQDPIWLLMANADQRVMMTYQVPS
RDMTSVLKQDRERLRAMQKQQPRFSEDQRRELGAHV
SWVRKQQLPRALDVMACVDCGSSTQDPGHPDDPLFS
ELDGLGLEPMEEGGGEQSSGGSGEGEGCEEAQG
GAKASSSQDLAMEEEEEGRSSSSPALPTAGNCTS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 162.6

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5187

Gene Symbol: PER1

Gene Alias: MGC88021, PER, RIGUI, hPER

Gene Summary: This gene is a member of the Period family of genes and is expressed in a circadian pattern in the suprachiasmatic nucleus, the primary circadian pacemaker in the mammalian brain. Genes in this family encode components of the circadian rhythms of locomotor activity, metabolism, and behavior. Circadian expression in the suprachiasmatic nucleus continues in constant darkness, and a shift in the light/dark cycle evokes a proportional shift of gene expression in the suprachiasmatic nucleus. The specific function of this gene is not yet known. Alternative splicing has been observed in this gene; however, these variants have not been fully described. [provided by RefSeq]