

Recombinant Human PER1 protein, GST-tagged

Cat. No. PER1-1864H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PER1 protein(1-346 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-346 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MSGPLEGADGGGDPRPGESFCPGGVSPGPPQHRPCPGPSLADDDTDANSNGSSG NESNGHESRGASQRSSHSSSSGNGKDSALLETTESSKSTNSQSPSPSSSIAYSL SASSEQDNPSTSGCSSEQSARARTQKELMTALRELKLRLPPERRGKGRSGTLATLQ YALACVKQVQANQEYYQWSLEEGEPCSM DMSTYLEELEHITSEYTLQNQDTFSV AVSFLTGRIVYISEQAAVLLRCKRDVFRGTRFSELLAPQDVGVFYGSTAPSRLPTWG TGASAGSGLRDFTQEKS VFCRIRGGPDRDPGRYPFRLTPYVTKIRVSDGAPAP CCLLIAE
Purity	70%, by SDS-PAGE with Coomassie Brilliant Blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PER1 period homolog 1 (Drosophila) [Homo sapiens]

Official Symbol PER1

Synonyms PER1; period homolog 1 (Drosophila); PER, period (Drosophila) homolog 1; period circadian protein homolog 1; RIGUI; hPER1; Period, drosophila, homolog of; circadian clock protein PERIOD 1; circadian pacemaker protein RIGUI; PER; hPER; MGC88021;

mRNA Refseq NM_002616

Protein Refseq NP_002607

MIM 602260

UniProt ID O15534

Gene ID 5187

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA