

Recombinant Human PER1, GST-tagged

Cat. No. PER1-1645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PER1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-341aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

 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

Gene ID	5187
mRNA Refseq	NM_002616
Protein Refseq	NP_002607
MIM	602260
UniProt ID	O15534
Chromosome Location	17p13.1
Pathway	BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian rhythm - mammal, organism-specific biosystem; Circadian rhythm - mammal, conserved biosystem; Circadian rhythm pathway, organism-specific biosystem; Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem;
Function	E-box binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding; protein binding transcription factor activity; signal transducer activity;