

Recombinant Human PER3 cell lysate

Cat. No. PER3-1333HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PER3 period homolog 3 (Drosophila) [Homo sapiens]
Official Symbol	PER3
Synonyms	PER3; period homolog 3 (Drosophila); period (Drosophila) homolog 3; period

 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

	circadian protein homolog 3; hPER3; period 3; period circadian protein 3; growth-inhibiting protein 13; circadian clock protein PERIOD 3; cell growth-inhibiting gene 13 protein; GIG13;
Gene ID	8863
mRNA Refseq	NM_016831
Protein Refseq	NP_058515
MIM	603427
UniProt ID	P56645
Chromosome Location	1p36.23
Pathway	Circadian rhythm - mammal, organism-specific biosystem; Circadian rhythm - mammal, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	signal transducer activity;