Recombinant Human CRY2, His-tagged

Cat. No. CRY2-11597H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRY2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	243-593a.a.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CRY2 cryptochrome 2 (photolyase-like) [Homo sapiens]
Official Symbol	CRY2
Synonyms	CRY2; cryptochrome 2 (photolyase-like); cryptochrome-2; growth-inhibiting protein 37; HCRY2; PHLL2; FLJ10332; KIAA0658;
Gene ID	1408

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mRNA Refseq	NM_001127457
Protein Refseq	NP_001120929
MIM	603732
UniProt ID	Q49AN0
Chromosome Location	11p11.2
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; Diurnally regulated genes with circadian orthologs, organism-specific biosystem;
Function	NOT DNA (6-4) photolyase activity; DNA binding; blue light photoreceptor activity; damaged DNA binding; NOT deoxyribodipyrimidine photo-lyase activity; nucleotide binding; protein binding; protein binding transcription factor activity; receptor activity;

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