

Recombinant Human CRY1 protein, MYC/DDK-tagged

Cat. No. CRY1-7269H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRY1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	66.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method.

GENE INFORMATION

Gene Name	CRY1 cryptochrome 1 (photolyase-like) [Homo sapiens]
Official Symbol	CRY1
Synonyms	CRY1; cryptochrome 1 (photolyase-like); PHLL1; cryptochrome-1; photolyase-like

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	cryptochrome 1;
Gene ID	1407
mRNA Refseq	NM_004075
Protein Refseq	NP_004066
MIM	601933
UniProt ID	Q16526
Chromosome Location	12q23-q24.1
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; Diurnally regulated genes with circadian orthologs, organism-specific biosystem;
Function	NOT DNA (6-4) photolyase activity; DNA binding; blue light photoreceptor activity; NOT deoxyribodipyrimidine photo-lyase activity; double-stranded DNA binding; nucleotide binding; protein binding; protein binding transcription factor activity; protein kinase binding; receptor activity;