

## Recombinant Human CRY1 protein, MYC/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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

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	cryptochrome 1;
<b>Gene ID</b>	1407
<b>mRNA Refseq</b>	NM_004075
<b>Protein Refseq</b>	NP_004066
<b>MIM</b>	601933
<b>UniProt ID</b>	Q16526
<b>Chromosome Location</b>	12q23-q24.1
<b>Pathway</b>	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;
<b>Function</b>	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;

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