

Recombinant Human CRY1 protein, His&Myc-tagged

Cat. No. CRY1-4422H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRY1 protein(Q16526)(1-586aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-586aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	73.8 kDa
AA Sequence	<p>MGVNAVHWFRKGLRLHDNPALKECIQGADTIRCVYILDWPWFAGSSNVGINRWRFL QCLEDLDANLRKLNRLVIRGQPADVFPRLFKEWNITKLSIEYDSEPFGERDAAIK KLATEAGVEVIRISHTLYDLDKIIELNGGQPPLTYKRFQTLISKMEPLEIPVETITSEVI EKCTTPLSDDHDEKYGVPSLEELGFDTDGLSSAVWPGGETEALTRLERHLERKAWV ANFERPRMNANLLASPTGLSPYLRFGCLSCRLFYFKLTDLYKKVKNSSPPLSLYG QLLWREFFYTAATNNPRFDKMEGNPICVQIPWDKNPEALAKWAEGRGTGFPWIDAIM TQLRQEGWIHHLARHAVACFLTRGDLWISWEEGMKVFEELLLDADWSINAGSWMW LSCSSFFQQFFHCYCPVGFGRRTDPNGDYIRRYLPVLRGFPAKYIYDPWNAPEGIQ KVAKCLIGVNYPKPMVNHAEASRLNIERMKQIYQQLSRYRGLGLLASVPSNPNGNG</p>

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GFMGYSAENIPGCSSSGSCSQGSGILHYAHGDSQQTHLLKQGRSSMGTGLSGGKR
PSQEEDTQSIGPKVQRQSTN

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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 cryptochrome 1;

Gene ID [1407](#)

mRNA Refseq [NM_004075](#)

Protein Refseq [NP_004066](#)

MIM [601933](#)

UniProt ID [Q16526](#)

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