

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	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	73.8 kDa
AA Sequence	MGVNAVHWFRKGLRLHDNPALKECIQGADTIRCVYILDPWFAGSSNVGINRWRFL QCLEDLDANLRKLNSRLFVIRGQPADVFPRLFKEWNITKLSIEYDSEPFGERDAAIK KLATEAGVEVIVRISHTLYDLDKIIELNGGQPPLTYKRFQTLISKMEPLEIPVETITSEVI EKCTTPLSDDHDEKYGVPSLEELGFDTDGLSSAVWPGGETEALTRLERHLERKAWV ANFERPRMNANSLLASPTGLSPYLRFGCLSCRLFYFKLTDLYKKVKKNSSPPLSLYG QLLWREFFFYTAATNNPRFDKMEGNPICVQIPWDKNPEALAKWAEGRGTGFPWIDAIM TQLRQEGWIHHLARHAVACFLTRGDLWISWEEGMKVFEELLLDADWSINAGSWMW LSCSSFFQQFFHCYCPVGFGRRTPNGDYIRRYLPVLRGFPAKYIYDPWNAPEGIQ KVAKCLIGVNYPKPMVNHAEASRLNIERMKQIYQQLSRYRGLGLLASVPSNPNGNG

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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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