

## Recombinant Human CRY2 protein, His&Myc-tagged

Cat. No. CRY2-2308H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CRY2 protein(Q49AN0)(1-593aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-593aa
<b>Form</b>	<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>
<b>Molecular Mass</b>	70.8 kDa
<b>AA Sequence</b>	<p>MAATVATAAAVAPAPAPGTDSASSVHWFRKGLRLHDNPALLAAVRGARCVRVYIL            DPWFAASSSVGINRWRFLQSLLEDLDTSLRKLNSRLFVVRGQPADVFPRLFKEWGV            TRLTFEYDSEPFGKERDAAIMKMAKEAGVEVVTENSHTLYDLDRIIELNGQKPLTYK            RFQAIISRMELPKKPVGLVTSQQMESCR AEIQENHDETYGVPSLEELGFPT EGLGPA            VWQGGETEALARLDKHLERKAWVANYERPRMNANLLASPTGLSPYLRFGCLSCR            LFYYRLWDLYKKVKRNSTPPLSLFGQLLWREFFYTAATNNPRFDRMEGNPICIQIPW            DRNPEALAKWAEGKTGFPWIDAIMTQLRQEGWIIHLARHAVACFLTRGDLWVSWE            SGVRVFDLLLLDADFSVNAGSWMWLSCSAFFQQFFHCYCPVGFGRRTDPSGDYIR            RYLPKLKAFPSRYIYEPWNAPESIQKAAKCIIGVDYPRPIVNHAETSRLNIERMKQIYQ</p>

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QLSRYRGLCLLASVPSCVEDLSHPVAEPSSSQAGSMSSAGPRPLPSGPASPKRKLE  
AAEPPGEELSKRARVAELPTPELPSKDA

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

**Storage** Store at -20°C upon receipt, aliquoting is necessary for multiple 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%. Customers could use it as reference.

## 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

**mRNA Refseq** NM\_001127457

**Protein Refseq** NP\_001120929

**MIM** 603732

**UniProt ID** Q49AN0

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