

## Cryptochrome-1 (CRY1) Recombinant Protein | CRY1 recombinant protein

Recombinant Human Cryptochrome-1 (CRY1)

CATALOG #  
**AAA117327**

HOST  
**E Coli or Yeast or Baculovirus or Mammalian Cell**

### PRODUCT SYNONYMS

Cryptochrome-1 (CRY1); Recombinant Human Cryptochrome-1 (CRY1); CRY1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence Positions      | 1-586aa; Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                | MGVNAVHWFR KGLRLHDNPA LKECIQGADT IRCVYILDPW FAGSSNVGIN RWRFLQCLE DLDANLRKLN<br>SRLFVIRGQP ADVFPRLFKE WNITKLSIEY DSEPGKERD AAIKKLATEA GVEVIVRISH TLYDLDKIIE<br>LNGGQPPLTY KRFQTLISKM EPLEIPVETI TSEVIEKCTT PLSDDHDEKY GVPSLEELGF DTDGLSSAVW<br>PGGETEALTR LERHLERKAW VANFERPRMN ANSLLASPTG LSPYLRFGCL SCRLFYFKLT DLYKKVKKNS<br>SPPLSLYGQL LWREFFYTAA TNNPRFDKME GNPICVQIPW DKNPEALAKW AEGRTGFPWI DAIMTQLRQE<br>GWIHHLARHA VACFLTRGDL WISWEEGMKV FEELLLDADW SINAGSWMWL SCSSFFQFF HCYCPVGFGFR<br>RTDPNGDIYR RYLPVLRGFP AKYIYDPWNA PEGIQKVAKC LIGVNYPKPM VNHAASRLN IERMKQIYQQ<br>LSRYRGLGLL ASVPSNPNGN GGFMGYSAEN IPGCSSSGSC SQGSGILHYA HGDSQQTHLL KQGRSSMG TG<br>LSGGKRPSQE EDTQSIGPKV QRQSTN |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

### NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 4758072                            |
| NCBI GeneID                      | 1407                               |
| NCBI Accession #                 | NP_004066.1                        |
| NCBI GenBank Nucleotide #        | NM_004075.4                        |
| UniProt Accession #              | Q16526                             |
| Molecular Weight                 | 73.8 kDa                           |
| NCBI Official Full Name          | cryptochrome-1                     |
| NCBI Official Synonym Full Names | cryptochrome circadian regulator 1 |
| NCBI Official Symbol             | CRY1                               |
| NCBI Official Synonym Symbols    | DSPD; PHLL1                        |
| NCBI Protein Information         | cryptochrome-1                     |
| UniProt Protein Name             | Cryptochrome-1                     |

|                            |       |
|----------------------------|-------|
| UniProt Gene Name          | CRY1  |
| UniProt Synonym Gene Names | PHLL1 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cry1-recombinant-protein-e-coli/117327>