



Recombinant Human Cryptochrome-2 (CRY2)

Product Code	CSB-MP673229HU
Abbreviation	CRY2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q49AN0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAATVATAAA VAPAPAGTD SASSVHWFRK GLRLHDNPAL LAAVRGARCV RCVYILDPWF AASSVGINR WRFLQSLLED LDTSLRKLNS RLFVVRGQPA DVFPRLFKEW GVTRLTFEYD SEPFGERDA AIMKMAKEAG VEVVTENSHT LYDLDRIIEL NGQKPPLTYK RFQAIISRME LPKKPVLVT SQQMESCRAE IQENHDETYG VPSLEELGFP TEGLGPAVWQ GGETEALARL DKHLERKAWV ANYERPRMNA NSLLASPTGL SPYLRFGCLS CRLFYRLWD LYKKVKRNST PPLSLFGQLL WREFFYTAAT NNPRFDRMEG NPICIQIPWD RNPEALAKWA EGKTGFPWID AIMTQLRQEG WIHHLARHAV ACFLTRGDLW VSWESGVRVF DELLLDADFS VNAGSWMWLS CSAFFQQFFH CYCPVGFGRR TDPSGDYIRR YLPKLKAFPS RYIYEPWNAP ESIQKAAKCI IGVDPYPRPIV NHAETSRLNI ERMKQIYQQL SRYRGLCLLA SVPSCVEDLS HPVAEPSSSQ AGSMSSAGPR PLPSGPASPK RKLEAAEPP GEELSKRARV AELPTPELPS KDA
Source	Mammalian cell
Target Names	CRY2
Protein Names	Recommended name: Cryptochrome-2
Expression Region	1-593
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.