



Recombinant Mouse Cryptochrome-2 (Cry2)

Product Code	CSB-EP874173MO-B
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.	Q9R194
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MAAAAVVAAT VPAQSMGADG ASSVHWFRKG LRLHDNPALL AAVRGARCVR CVYILDPWFA ASSSVGINRW RFLQSLLEDL DTSRKLNSR LFVVRGQPAD VFPRLFKEWG VTRLTFEYDS EPFGKERDAA IMKMAKEAGV EVTENSHTL YDLDRRIELN GQKPPLTYKR FQALISRMEL PKKPAVAVSS QQMESCR AEI QENHDDTYGV PSLEELGFPT EGLGPAVWQG GETEALARLD KHLERKAWVA NYERPRMNAN SLLASPTGLS PYLRFGCLSC RLFYYRLWDL YKKVKRNSTP PLSLFGQLLW REFFYTAATN NPRFDRMEGN PICIQIPWDR NPEALAKWAE GKTGFPWIDA IMTQLRQEGW IHHLARHAVA CFLTRGDLWV SWESGVRVFD ELLLDADFSV NAGSWMWLSC SAFFQQFFHC YCPVGFGRRRT DPSGDYIRRY LPKLKGFPSR YIYEPWNAPE SVQKAAKCII GVDYPRPIVN HAETSRLNIE RMKQIYQQLS RYRGLCLLAS VPSCVEDLSH PVAEPGSSQA GSISNTGPRA LSSGPASPKR KLEAAEPPG EELTKRARVT EMPTQEPASK DS
Source	E.coli
Target Names	Cry2
Protein Names	Recommended name: Cryptochrome-2
Expression Region	1-592
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.