Recombinant Mouse Cry2 protein, His&Myc-tagged

Cat. No. Cry2-5633M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cry2 protein(Q9R194)(1-592aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	1-592a.a.
Tag	His&Myc
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	74.3 kDa
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	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

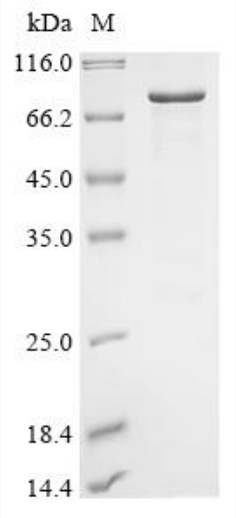
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	concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	MAAAAVVAATVPAQSMGADGASSVHWFRKGLRLHDNPALLAAVRGARCVRCVYIL DPWFAASSSVGINRWRFLLQSLEDLDTSLRKLNSRLFVVRGQPADVFPRLFKEWGV TRLTFEYDSEPFGKERDAAIMKMAKEAGVEVVTENSHTLYDLDRIIELNGQKPPLTYK RFQALISRMELPKKPAVAVSSQQMESCRAEIQENHDDTYGVPSLEELGFPTEGLGP AVWQGGETEALARLDKHLERKAWVANYERPRMNANSLLASPTGLSPYLRFGCLSC RLFYYRLWDLYKKVKRNSTPPLSLFGQLLWREFFYTAATNNPRFDRMEGNPICIQIP WDRNPEALAKWAEGKTGFPWIDAIMTQLRQEGWIHHLARHAVACFLTRGDLWVSW ESGVRVFDELLLDADFSVNAGSWMWLSCSAFFQQFFHCYCPVGFGRRTDPSGDYI RRYLPKLKGFPSRYIYEPWNAPESVQKAAKCIIGVDYPRPIVNHAETSRLNIERMKQI YQQLSRYRGLCLLASVPSCVEDLSHPVAEPGSSQAGSISNTGPRALSSGPASPKRK LEAAEEPPGEELTKRARVTEMPTQEPASKDS

GENE INFORMATION

Gene Name	Cry2 cryptochrome 2 (photolyase-like) [Mus musculus]
Official Symbol	Cry2
Synonyms	CRY2; cryptochrome 2 (photolyase-like); cryptochrome-2; AV006279; D130054K12Rik;
Gene ID	12953
mRNA Refseq	NM_001113333
Protein Refseq	NP_001106804

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SDS-PAGE	

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