



# Recombinant *Drosophila melanogaster* Opsin Rh2 (Rh2)

<b>Product Code</b>	CSB-CF362324DLU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P08099
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	<i>Drosophila melanogaster</i> (Fruit fly)
<b>Sequence</b>	MERSHLPETPFDLAHSGPRFQAQSSGNGSVLDNVLPMMAHLVNPYWSRFAP MDPMMSKIL GLFTLAIMIISCCGNGVVVYIFGGTKSLRTPANLLVLNLAFSDFCMMASQSPVMI INFYY ETWVLGPLWCDIYAGCGSLFGCVSIWSMCMIAFDRYNVIVKGINGTPMTIKTSI MKILFI WMMAVFVTVMPLIGWSAYVPEGNLTACSIDYMTRMWNPRSYLITYSLFVYYT PLFLICYS YWFIIAAVAHEKAMREQAKKMNVKSLRSEDCKSAEGKLAKVALTTISLWF MAWTPYL VICYFGLFKIDGLTPLTTIWGATFAKTSAVYNPIVYGISHPKYRIVLKEKCPMCVF GNTD EPKPDAPASDTETTSEADSKA
<b>Source</b>	in vitro <i>E.coli</i> expression system
<b>Target Names</b>	Rh2
<b>Protein Names</b>	Recommended name: Opsin Rh2 Alternative name(s): Ocellar opsin
<b>Expression Region</b>	1-381
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Shelf Life</b>	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.