



Recombinant Mouse Melanopsin (Opn4)

Product Code	CSB-CF879449MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9QXZ9
Product Type	Transmembrane Protein
Immunogen Species	Mus musculus (Mouse)
Sequence	MDSPSGPRVLSSLTQDPSFTTSPALQGIWNGTQNVSVRAQLLSVSPTTSAHQ AAAWVPPF TVDVPDHAHYTLGTVILLVGLTGMLGNLTVIYTFCRNRGLRTPANMFIINLAVSD FLMSV TQAPVFFASSLYKKWLFGETGCEFYAFCGAVFGITSMITLTAIAMDRYLVITRPL ATIGR GSKRR TALVLLGVWLYALAWSLPPFFGWSAYVPEGLLTSCSWDYMTFTPQVR AYTMLLFC FVFFLPLLIIFCYIFIFRAIRETGRACEGCGESPLRQRRQWQRLQSEWKMAKVA LIVIL LFVLSWAPYSTVALVAFAGYSHILTPYMSSVPAVIKASAIHNPIIYAITHPKYRV AIAQ HLPCLGVLLGVSGQRSHPSLSYRSTHRSTLSSQSSDLSWISGRKRQESLGSE SEVGWTD ETTAAWGAAQQASGQSFCSQNLEDGELKASSSPQVQRSKTPKVPGPSTCRP MKGQGARPS SLRGDQKGR LAVCTGLSECPHPHTSQFPLAFLEDDVTLRHL
Source	in vitro E.coli expression system
Target Names	Opn4
Protein Names	Recommended name: Melanopsin Alternative name(s): Opsin-4
Expression Region	1-521
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
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.