



Recombinant Danio rerio Melanopsin-A (opn4a)

Product Code	CSB-CF641626DIL
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q2KNE5
Product Type	Transmembrane Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Sequence	<p>MMSGAAHSVRKGISCPDQPNCTRIVESLSAWNDSVMSAYRLVDLPPTTTTTT SVAMVEE SVYFPPTVDVDPDHAHYTIGAVILTVGITGMLGNFLVIYAFSRRTLRTANLFIIN LAIT DFLMCATQAPIFFTTSMHKRWIFGEKGCELYAFCGALFGICSMITLMVIAVDY FVITRP LASIGVLSQKRALLILLVAWVYSLGWSLPPFFGWSAYVPEGLLTCTWDYMTF TPSVRAY TMLLFIVFFIPLIVIIICYFFIFRSIRTTNEAVGKINGDNKRDSMKRFQRLKNEWK MAK IALIVILMYVISWSPYSTVALTAFAGYSDFLTPYMNSVPAVIAKASAIHNPIIYAITH PK YRLAIKYIPCLRLLLCVPKRDLHSFHSSLMSTRRSTVTSQSSDMSGFRFRRTST GKSRLS SASDSESGWTDTEADLSSMSSRPASRQVSCDISKDTAEMPDFKPCNSSSFKS KLKSHDSG IFEKSSSDVDDVSVAGIIQPDRTLNAGDITDVPISRGAIGRIPSIVITSESSLLP SVR PTYRISRSNVSTVGTNPARRDSRGGVQQGAAHLSNAAETPESGHIDNHRPQY L</p>
Source	in vitro E.coli expression system
Target Names	opn4a
Protein Names	Recommended name: Melanopsin-A Alternative name(s): Mammalian-like melanopsin Melanopsin-M Opsin-4-A Opsin-4M
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
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.