



Recombinant Danio rerio Red-sensitive opsin-2 (opn1lw2)

Product Code	CSB-CF806797DIL
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q8AYN0
Product Type	Transmembrane Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Sequence	MAEWANAFAARRRGDETTRDNAFSYTNSNTRDPFEGPNYHIAPRWVYNV ATVWMFFVV VASTFTNGLVLVATAKFKLRHPLNWILVNLAIADLGETLFASTISVINQVFGYFI LGHP MCIFEGYTVSVCGIAGLWVSLTVISWERWVVCKPFGNVKFDGKWASAGIIFSW VWAAVWC APPFIGWSRYWPHGLKTSCGPDVFGGNEPDGVQSYMLVLMITCCILPLAIIILC YIAVFL AIHAVAQQQKDESESTQKAEKEVSRMVVMILAFCLCWGPYAFACFAAANPG YAFHPLAA AMPAYFAKSATIYNPIIYVFMNRQFRVCIMQLFGKKVDDGSEVSTSKTEVSSVA PA
Source	in vitro E.coli expression system
Target Names	opn1lw2
Protein Names	Recommended name: Red-sensitive opsin-2 Alternative name(s): Opsin-1, long-wave-sensitive 2 Short name= Opsin LWS-2 Red cone photoreceptor pigment 2
Expression Region	1-356
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.