



Recombinant Danio rerio Green-sensitive opsin-2 (opn1mw2)

Product Code	CSB-CF805851DIL
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q8AYM8
Product Type	Transmembrane Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Sequence	MNGTEGNNFYIPMSNRTGLVRSPEYEQYYLADPWQFKALAFYMFFLICFGLP INVLTL VTAQHKKLRQPLNYILVNLAFAAGTIMAFFGFTVTFYCSINGYMALGPTGCAIEGF FATLG GQVALWSSLVLAIERIYIVVCKPMGSKFSSNHAMAGIAFTWVMASSCAVPPLF GWSRYIP EGMQTSCGPDYYTLNPEFNNEYSVLYMFSCHFVPTTIFFTYGSLVCTVKAA AAQQQES ESTQKAEREVTRMVMLGLVAVWPYASFAAWIFFNRGAAFSAQAMAIPAF FSKASAL FNPIIYVLLNKQFRSCLNTLFCGKSPLGDDSSSVSTSKTEVSSVSPA
Source	in vitro E.coli expression system
Target Names	opn1mw2
Protein Names	Recommended name: Green-sensitive opsin-2 Alternative name(s): Green cone photoreceptor pigment 2 Opsin RH2-2 Opsin-1, medium-wave-sensitive 2
Expression Region	1-349
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.