



Recombinant Danio rerio Green-sensitive opsin-3 (opn1mw3)

Product Code	CSB-CF805227DIL
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q8AYM7
Product Type	Transmembrane Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Sequence	MNGTEGNNFYIPMSNRTGLVRSPEYYPQYYLAEPWQFKLLAVYMFFLMCFGF PINGLTLV VTAQHKKLRQPLNFILVNLAVAGTIMVCFGFTVTFYTAINGYFVLGPTGCAIEGF MATLG GQISLWVSLVLAIERIVVCKPMGSKFSSNHAFAGIGFTWIMALSCAAPPLVG WSRYIP EGMQCSCGPDYYTLNPDYNNESYVLYMFCCHFIFPVTTIFFTYGRLVCTVKAA AAQQQES ESTQKAEREVTRMVILMVLGFLVAWTPYASVAAWIFFNRGAAFSAQFMAVPAF FSKSSSI FNPIIYVLLNKQFRNCMLTTLFCGKNPLGDDDESSTVSTSKTEVSSVSPA
Source	in vitro E.coli expression system
Target Names	opn1mw3
Protein Names	Recommended name: Green-sensitive opsin-3 Alternative name(s): Green cone photoreceptor pigment 3 Opsin RH2-3 Opsin-1, medium-wave-sensitive 3
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.