



Recombinant Danio rerio Green-sensitive opsin-1 (opn1mw1)

| | |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-CF893377DIL |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | Q9W6A5 |
| Product Type | Transmembrane Protein |
| Immunogen Species | Danio rerio (Zebrafish) (Brachydanio rerio) |
| Sequence | MNGTEGSNFYIPMSNRTGLVRSFYDYTQYYLAEPWKFALAFYMFLLIIFGFPI NVLTLV VTAQHKKLRQPLNYILVNLAFAAGTIMVIFGFTVSFYCSLVGYMALGPLGCVMEG FFATLG GQVALWLVVLAIERIYVCKPMGSKFSANHAMAGIAFTWFMACSCAVPPLF GWSRYLP EGMQTSCGPDYYTLNPEYNNESYVMYMFSCFCIPVTTIFFTYGSLVCTVAAA AAQQQES ESTQKAEREVTRMVLMLGFLFAWVPYASFAAWIFFNRGAAFSAQAMAVPAF FSKTSAV FNPIIYVLLNKQFRSCLNTLFCGKSPLGDDSSSVSTSKTEVSSVSPA |
| Source | in vitro E.coli expression system |
| Target Names | opn1mw1 |
| Protein Names | Recommended name: Green-sensitive opsin-1 Alternative name(s): Green cone photoreceptor pigment 1 Opsin RH2-1 Opsin-1, medium-wave-sensitive 1 |
| 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. |