



Recombinant *Odocoileus virginianus virginianus* Medium-wave-sensitive opsin 1 (OPN1MW)

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| Product Code | CSB-CF016352ODW |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O18911 |
| Product Type | Transmembrane Protein |
| Immunogen Species | <i>Odocoileus virginianus virginianus</i> (Virginia white-tailed deer) |
| Sequence | APRWVYHLTSAWMVFVVIASVFTNGLVLAATMRFKCLRHPLNWILVNLAIADLV ETIIAS TISVVNQMYGYFVLGHPLCVVEGYTASLCGITGLWSLAIISWERWMVVCRPFG NVRFDAK LAIAGIAFSWIWAAVWTAPPIFGWSRYWPHGLKTSCGPDVFSGSSYPGVQSY MIVLMITC CFIPLSVIVLCYLQVWLAIRAVAKQQKESESTQKAEKEVTRMVMVMIFAFCLCW GPYAFF ACFAAAHPGYAFHPLVAALPAYFAKSATIYNPI |
| Source | in vitro E.coli expression system |
| Target Names | OPN1MW |
| Protein Names | Recommended name: Medium-wave-sensitive opsin 1 Alternative name(s): Green cone photoreceptor pigment Green-sensitive opsin |
| Expression Region | 1-273 |
| 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. |