



Recombinant *Lithobates catesbeiana* Rhodopsin (RHO)

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| Product Code | CSB-CF019681LQA |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P51470 |
| Product Type | Transmembrane Protein |
| Immunogen Species | <i>Lithobates catesbeiana</i> (American bullfrog) (<i>Rana catesbeiana</i>) |
| Sequence | MNGTEGPNFYVPM SNKTGIVRSPFEYPQYYLAEPWKYSVLAAYMFL LILLGLPI NFMTLY VTIQHKKLRTPLNYILLNLAFANHF MVLCGFTITMYTSLHG YFVFGQTGCYFEG FFATLG GEIALWLSLVVLAIER YIVVCKPMSNFRFGENHAMMGVAFTWIMALACAVPPLF GWSRYIP EGMQCSCGVDYYTLKPEVNNESFVIYMFVVHFLIPLIIISFCYGR LVCTVKEAAA QQQES ATTQKAEKEVTRMVVIMVIFFLICWVPYAYVAFYIFTHQGSEFGPIFMTVPAFFA KSSAI YNPVIYIMLNKQFRNCMITTLCCGKNPFGDEDASSAATSKTEATSVSTSQVSPA |
| Source | in vitro E.coli expression system |
| Target Names | RHO |
| Protein Names | Recommended name: Rhodopsin |
| Expression Region | 1-354 |
| 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. |