



Recombinant *Leucoraja erinacea* Rhodopsin (rho)

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| Product Code | CSB-CF019681LFI |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P79863 |
| Product Type | Transmembrane Protein |
| Immunogen Species | <i>Leucoraja erinacea</i> (Little skate) (<i>Raja erinacea</i>) |
| Sequence | MNGTEGENFYVPM SNKTGVV RSPFDYPQYYLGEPWMFSALAA YMFFLILTGL PVNFLTFL VTIQHKKLRQPLNYILLNLAVSDLFMVFGGFTTTIITSMNGYFIFGPAGCNFEGF FATLG GEVGLWCLVVLAIERYMVVCKPMANFRFGSQHAIIGVVFTWIMALSCAGPPLV GWSRYIP EGLQCSCGVDYYTMKPEVNNESFVIYMFVVHFTIPLIVIFFCYGRLVCTVKEAA AQQQES ESTQRAEREVTRMVIIMVVAFLICWVPYASVAFYIFINQGCDFTPFFMTVPAFFA KSSAV YNPLIYILMNKQFRNCMITTICLGKNPFEEEEESTSASASKTEASSVSSSQVAPA |
| Source | in vitro <i>E.coli</i> 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. |