



# Recombinant Drosophila virilis Opsin Rh4 (Rh4)

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| <b>Product Code</b>      | CSB-CF323794DMP  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P17646   |
| <b>Product Type</b>      | Transmembrane Protein  |
| <b>Immunogen Species</b> | Drosophila virilis (Fruit fly)   |
| <b>Sequence</b>          | MDIAGSLCNASEGPVLRPEARVSGNGDLQFLGWNVPPDQIQHIPEHWLTQLE<br>PPASMHYM<br>LGVFYIFLFCASTVGNMVIWIFSTSKALRTPSNMFVLNLAVFDFIMCLKAPIFIY<br>NSFH<br>RGFALGNTGCQIFAAIGSYSGIGAGMTNAAIGYDRLNVITKPMNRNMTFTKAIIM<br>NVIIW<br>LYCTPWVVLPLTQFWDRFVPEGYLTSCTFDYLDNFDTRLFVGTIFFFSFVCPT<br>LMIIYY<br>YSQIVGHVFSHEKALREQAKKMNVESLRSNVDKSKDTAEIRIAKAAITICFLFFV<br>SWTPY<br>GVMSLIGAFGDKSLLTPGATMIPACTCKLVACIDPFVYAISHPRYRMELQKRCP<br>WLAIDE KAPESSAASTTTTQEQQQTAA |
| <b>Source</b>            | in vitro E.coli expression system  |
| <b>Target Names</b>      | Rh4  |
| <b>Protein Names</b>     | Recommended name: Opsin Rh4 Alternative name(s): Inner R7 photoreceptor cells opsin  |
| <b>Expression Region</b> | 1-383  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Shelf Life</b>        | 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.  |