



Recombinant *Drosophila pseudoobscura* *pseudoobscura* Opsin Rh4 (Rh4)

Product Code	CSB-CF339015DME
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P29404
Product Type	Transmembrane Protein
Immunogen Species	<i>Drosophila pseudoobscura pseudoobscura</i> (Fruit fly)
Sequence	MDALCNASEPPLRPEARMSGSGDELQFLGWNVPPDQIQYIPEHWLTQLEPPA SMHYMLGV FYIFLFFASTLGNMVIWIFSTSKSLRTPSNMFVLNLAVFDLIMCLKAPIFIYNSF HRGF ALGNTWCQIFASIGSYSGIGAGMTNAAIGYDRYNVITKPMNRNMTFTKAVIMNII IWLVC TPWVVLPQTQFWDRFVPEGYLTSCSFDYLSDNFDTRLFVGTIFFFSFVCPTLMI LYYYSQ IVGHVFNHEKALREQAKKMNVESLRSNDKSKETAETIRIAKAAITICFLFFVSWT PYGVM SLIGAFGDKSLLTPGATMIPACTCKLVACIDPFVYAISHPRYRMELQKRCPWLG VNEKSG EASSAQSTTTQEQTQQTSA
Source	in vitro E.coli expression system
Target Names	Rh4
Protein Names	Recommended name: Opsin Rh4 Alternative name(s): Inner R7 photoreceptor cells opsin
Expression Region	1-380
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.