



Recombinant Rat Short-wave-sensitive opsin 1 (Opn1sw)

Product Code	CSB-CF720534RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q63652
Product Type	Transmembrane Protein
Immunogen Species	Rattus norvegicus (Rat)
Sequence	<p>MSGEDFYLFQNISSVGPWDGPQYHIAPVWAFHLQAAFMGFVFFAGTPLNAT VLVATLHY KKLRQPLNYILVNVSLGGFLFCIFSVFTVFIASCHGYFLFGRHVCALEAFLGSVA GLVTG WSLAFLAFERYLVICKPFGNIRFNSKHALTVVLITWTIGIGVSIPFFGWSRPIPE GLQC SCGPDWYTVGTYRSEHYTWFLFIFCFIIPSLICFSYFQLLRTLRAVAAQQQES ATTQK AEREVSHMVMVMVGSFCLCYVPYAALAMYMVNNRNHGLYLRLVTIPAFFSKS SCVYNPII YCFMKNQFRACILEMVCRKPMTDESDMSGSQKTEVSTVSSSKVGP</p>
Source	in vitro E.coli expression system
Target Names	Opn1sw
Protein Names	<p>Recommended name: Short-wave-sensitive opsin 1 Short name= S opsin Alternative name(s): Blue cone photoreceptor pigment Blue-sensitive opsin Short name= BOP Short wavelength-sensitive cone opsin</p>
Expression Region	1-346
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	<p>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.</p>