



Recombinant Pan paniscus Short-wave-sensitive opsin 1 (OPN1SW)

Product Code	CSB-CF016354EQU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P60573
Product Type	Transmembrane Protein
Immunogen Species	Pan paniscus (Pygmy chimpanzee) (Bonobo)
Sequence	MRKMSEEEFYLFKNISSVGPWDGPQYHIAPVWAFYLQAAFMGTVFLIGFPLNA MVLVATL RYKKLRQPLNYILVNVSFGGFLLCIFSVPVVFVASCNGYFVFGRHVCALEGFLG TVAGLV TGWSLAFLAFERYIVICKPFGNFRFSSKHALTVVLATWTIGIGVSIPFFGWSRF IPEGL QCSCGPDWYTVGTKYRSESYTWFLFIFCFIVPLSLICFSYTQLLRALKAVAAQQ QESATT QKAEREVSRMVVVMVGSFCVCYVPYAAFAMYMVNNRNHGLDLRLVTIPSFFS KSACIYNP IYCFMNKQFQACIMKMVCGKAMTDES DTCSSQKTEVSTVSSTQVGPN
Source	in vitro E.coli expression system
Target Names	OPN1SW
Protein Names	Recommended name: Short-wave-sensitive opsin 1 Alternative name(s): Blue cone photoreceptor pigment Blue-sensitive opsin Short name= BOP
Expression Region	1-348
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.