



Recombinant *Sciurus carolinensis* Medium-wave-sensitive opsin 1 (OPN1MW)

Product Code	CSB-CF016352SXW
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35478
Product Type	Transmembrane Protein
Immunogen Species	<i>Sciurus carolinensis</i> (Gray squirrel)
Sequence	<p>MAQRWDPQRLAGGQPQDSHEDSTQSSIFTYTNSNATRGPFEGPNYHIAPRW VYHITSTWM IIVVIASVFTNGLVLVATMKFKKLRHPLNWILVNLAIADLAETVIASISVVNQLYG YFV LGHPLCVVEGYTVSVCGITGLWSLAIISWERWLVVCKPFGNMRFDAKLAIVGIA FSWIWS AVWTAPPIFGWSRYWPYGLKTSCGPDVFSGTSYPGVQSYMMVLMVTCCIPL SIILCYL QVWLAIRAVAKQQKESESTQKAEKEVTRMVVVMVFAYCLCWGPYFFACFAT ANPGYAFH PLVAALPAYFAKSATIYNPIIYVFMNRQFRNCILQLFGKKVDDTSELSSASKTEA SSVSS VSPA</p>
Source	in vitro E.coli expression system
Target Names	OPN1MW
Protein Names	Recommended name: Medium-wave-sensitive opsin 1 Alternative name(s): Green cone photoreceptor pigment Green-sensitive opsin Medium wavelength-sensitive cone opsin
Expression Region	1-364
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.