



Recombinant Guinea pig Medium-wave-sensitive opsin 1 (OPN1MW)

Product Code	CSB-CF886412GU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9R024
Product Type	Transmembrane Protein
Immunogen Species	Cavia porcellus (Guinea pig)
Sequence	MAQRWGPHALSGVQAQDAYEDSTQASLFTYTNSNTRGPFEGPNYHIAPRW VYHLTSAWM TIVVIASIFTNGLVLVATMRFKLRHPLNWILVNLAVADLAETVIASISVVNQVY GYFV LGHPLCVVEGYTVSLCGITGLWSLAIISWERWLVVCKPFGNVRFDAKLAIVGIV FSWVWS AVWTAPPIFGWSRYWPYGLKTSCGPDVFSGTSYPGVQSYMMVLMVTCCITPL SIIVLCYL HVWLAIRAVAKQQKESESTQKAEKEVTRMVVVMVLAYCLCWGPYAFFACFAT ANPGYSFH PLVAALPAYFAKSATIYNPIIYVFMNRQFRNCILQLFGKKVEDSSELSSTSRT SSVSS VSPA
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.