



Recombinant Dog Long-wave-sensitive opsin 1 (OPN1LW)

Product Code	CSB-CF016351DO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O18914
Product Type	Transmembrane Protein
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Sequence	MTQRWGPQRLAGGQPQAGLEESTQASIFTYTNSNATRDPFEGPNYHIAPRW VYHLTSAWM IFVVIASVFTNGLVLVATMRFKKLRHPLNWILVNLAIADLAETIIASTISVVNQIYG YFV LGHPLCVVEGYTVSLCGITGLWSLAIISWERWLVVCKPFGNVRFDAKLAIAGIA FSWIWA AVWTAPPIFGWSRYWPHGLKTSCGPDVFSGSSYPGVQSYMIVLMTTCCIIPLS VIILCYL QVWLAIRAVAKQQKESESTQKAEKEVTRMVVVMVLAYCLCWGPYFFACFAA AHPGYAFH PLVAALPAYFAKSATIYNPIIYVFMNRQFRNCILQLFGKKVDDSSSELSSASRTEA SSVSS VSPA
Source	in vitro E.coli expression system
Target Names	OPN1LW
Protein Names	Recommended name: Long-wave-sensitive opsin 1 Alternative name(s): Red cone photoreceptor pigment Red-sensitive 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.