



Recombinant Cat Melanopsin (OPN4)

Product Code	CSB-CF733457CA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q5YKK9
Product Type	Transmembrane Protein
Immunogen Species	Felis catus (Cat) (Felis silvestris catus)
Sequence	MNPPSGPRTQEPSCVATPASPSRWGYSSTSSLDQPLPISPTAARAQAAAW IPFPTVDV PDHAHYTLGTVILLVGLTGILGNLMVIYTFCSRGLRTPANMFIINLAVSDFFMS FTQAP VFFASSLHKRWLFGEAGCEFYAFCGALFGITSMITLMAIALDRYLVITHPLATIG VVSKR RAALVLLGVWLYALAWSLPPFFGWSAYVPEGLLTSCSWDYMSFTPSVRAYTM LLFCFVFF LPLLIVYCYIFIFRAIRETGQALQTFRACEGGGRSPRQRQLQREWKMAKIEL LVILLF VLSWAPYSIVALMAFAGYAHVLTPLYMNSVPAVIAKASAIHNPIIYAITHPKYRMAI AQLH PCLGVLLGVSGQHTGPYASYRSTHRSTLSSQASDLSWISGRRRQASLGSESE VGWMDTEA AAVWGAAQQVSGRFPCSQGLEDRKAPVRPQGREAETPGQAMTMAMAPW DTPANCELPL HPGWAFH
Source	in vitro E.coli expression system
Target Names	OPN4
Protein Names	Recommended name: Melanopsin Alternative name(s): Opsin-4
Expression Region	1-487
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.