



Recombinant Rutilus rutilus Melanopsin (opn4)

Product Code	CSB-CF764985RIB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q6XL69
Product Type	Transmembrane Protein
Immunogen Species	Rutilus rutilus (Roach)
Sequence	MSHHSSWRGHHCAPGDNNCTAGFKESLGSKNYKLLHVPFHGPTHSHHHEPP HPFPTVDVP DHAHYIIGAVILIVGITGVIGNALVIYVFCRSRTLRTAGNMFVNLAVADFFMSLT QSPV FFAASLHRRWIFGERICELYAFCGALFGICSMMLTAIAADRCLAITQPLALVGN VSRRK AGAVLAVVWLYSLGWSLPPFFGWSAYVPEGLQTSCSWDYMTFTPSVRAYTIL LFIFVFFI PLGIIVSCYVGIFQAIRAMGKEIRELDCGETQKVYERMQNEWKMAKIALLVILLF VISWS PYSVVALTATAGYSHLLTPYMNSVPAVIAKASAIHNPIIYAITHPKYRAAIARYIPV LRT ILRVKEKELRSSFSVSSRRPTLSSQC SLGVSIGNAARANGRWGKKRLSSA SDSDSCW TESEADGSSVSSLTFGRRVSTEISTDTVILSPGSSNSTASGQKSEKAHKVVSVV VPSITF ETDSADESLSDGKALLLGGN
Source	in vitro E.coli expression system
Target Names	opn4
Protein Names	Recommended name: Melanopsin Alternative name(s): Opsin-4
Expression Region	1-500
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.