



# Recombinant Branchiostoma belcheri Melanopsin (OPN4)

<b>Product Code</b>	CSB-CF683935BVX
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q4R114
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Branchiostoma belcheri (Amphioxus)
<b>Sequence</b>	<p>MTEIPSFQPPINATEVEEENAVFPTALTEWFSEVGNQVGEVALKLLSGEGDGM  EVTPTPG  CTGNGSVCNGTDSGGVVDIPPLAHYIVGTAVFCIGCCGMFGNAVVVYSFIKS  KGLRTPA  NFFIINLALSDFLMNLTNMPIFAVNSAFQRWLLSDFACELYGFAGGLFGCLSINT  LMAIS  MDRYLVITKPFLVMRIVTKQRVMFAILLLWIWVSLVWALPPLFGWSAYVSEGFGT  SCTFDY  MTPKLSYHIFTYIIFFTMYFIPGGVMIYCYNIFATVKSGDKQFGKAVKEMAHED  VKNKA  QQERQRKNEIKTAKIAFIVISLFMSAWTPYAVVVSALGTLGYQDLVTPYLQSIPAM  FAKSS  AVYSPIVYAITYPKFREAVKKHIPCLSGCLPASEEETKTKTRGQSSASASMSMT  QTTAPV  HDPQASVDSGSSVSVDDSSGVSRQDTMMVKVEVDKRMEKAGGGAADAAPQ  EGASVSTVSA  QIEVRPSGKVTTKADVISTPQTAHGLSASPVPKVAELGSSATLESAAIPGKIPTP  LPSQP  IAAPIERHMAAMADEPPPKPRGVATTVNVRRTESGYDRSQDSQRKKVVGDT  RSRSFNNT  KDHFASEQPAALIQPKELYSDDTTKMARQSSEKHEYDNPAFDEGITEVDTDS  ENETEGS  YDMLSVRFQAMAEPPVETYRKASDLAINLGKASLMLSEAHDETIVL</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	OPN4
<b>Protein Names</b>	Recommended name: Melanopsin Alternative name(s): Opsin-4 amphi-MOP
<b>Expression Region</b>	1-706
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Shelf Life</b>	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.