

OPN4-opsin 4 Gene

Reference: PTXBC113558

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	MOP; melanopsin; opsin 4		
For research use only.			

GENE DESCRIPTION	opsin 4
GENE ID	94233
ORIGIN SPECIES	Human
ACCESSIONS	BC113558
VECTOR	pDONR223
NCBI SYMBOL	OPN4
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF (Only for reference, product provided without STOP codon)

atgaacctctctcgggccaagagctctgccagcccaaccaagagccagctgcatggcaccacagcaccacagctgggtgggacagctccagagcagcagctcagcctggccggcttccatccatcagtcaccagacacctgggacttgggtgctgctgctgctccccc
ctccccacggttgatgtccagaccatgccactataccctgggcacagtgatctgctgggactcacggggatctgggcaacctgacgggtcatctatactctcaggagcagaagcctccggacacctgccaacatgttcattatcaacctcgggtcagcagacttctctatgtct
tcaccagggccctgtctctcaccagtagcctctataagcagtgctcttggggagacagggctgcgaggtctatgctctctggtgagctctcttggcatttctccatgatcaccctgacggccatcgccctggaccgtactctggtaacacacgcccgtgccacccttgggtggcgt
ccaagaggcgtgcccatttgcctgctggcgcttgggtctatggcctggcctggagtgctgccacccttcttggctggagcgctacgtgcccagggggttgcacatcctgctcctgggactacatgagcttcacgcccggcgtgctgctacacatgcttctgctgcttctgtt
ttctccctctgcttaccatctactgctacatcttcatctcaggccatccgggagacaggacgggctctccagaccttggggcctgcaagggaatggcgagtcctctggtgacggcgagcggcgtgcagagcagtgcaagatggccaagatcatgctgctgtatctctctt
gtgctctcctgggctccctattccgctgtggccctgtggccttctgggtgacgcacagctcctgacacctacatgagctcgtggcagccgtatcgcgaaggcctctgcaatccacaacccatcattacgccatcaccaccccaagtagagggtggccattggcagcacctgcc
ctgctgggggtgctgctgggtgatcacggcgacagtcgcccctaccacagctaccgctccaccacggctccacgtgaccagccacacccaacacagctggatctccatagggagcggcaggaagtcctggctcgagagtgagggtgggctggacacatggagggc
agcagctgtgtgggagctgcccagcaagcaaatggcggtccctctacggtcagggtctggaggacttggagccaaggcacccccagacccagggacacgaagcagagactccagggaagccaagggtgatcccgccagggaccccgaggtatg