

Medium-wave-sensitive opsin 1 (OPN1MW) Recombinant Protein | OPN1MW recombinant protein

Recombinant Human Medium-wave-sensitive opsin 1 (OPN1MW)

CATALOG # AAA230713	HOST Cell Free Expression
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PRODUCT SYNONYMS

Medium-wave-sensitive opsin 1 (OPN1MW); Recombinant Human Medium-wave-sensitive opsin 1 (OPN1MW); OPN1MW recombinant protein

PRODUCT SPECIFICATIONS

Host	Cell Free Expression
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	1-364aa; Full Length
Sequence	MAQQWSLQRL AGRHPQDSYE DSTQSSIFTY TNSNSTRGPF EGPNYHIAPR WVYHLTSVWM IFVVIASVFT NGLVLAATMK FKCLRHPNLW ILVNLAVADL AETVIASITIS VVNQVYGYFV LGHPMCVLEG YTVSLCGITG LWSLAIISWE RWMVVCKPFG NVRFDKLA I VGIAFSWIWA AVWTAPPIFG WSRYPHGLK TSCGPDVFSG SSYPGVQSYM ILMVTCCIT PLSIIVLCYL QVWLAI RAVA KQKKESESTQ KAEKEVTRMV VVMVLAFCFC WGPYAFFACF AAANPGYPFH PLMAALPAFF AKSATIYNPV IYVFMNRQFR NCILQLFGKK VDDGSELSSA SKTEVSSVSS VSPA
Species	Human
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Product Categories/Family for OPN1MW recombinant protein	Transmembrane Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503965
NCBI GeneID	2652
NCBI Accession #	NP_000504.1
NCBI GenBank Nucleotide #	NM_000513.2
UniProt Accession #	P04001
Molecular Weight	40,584 Da
NCBI Official Full Name	medium-wave-sensitive opsin 1
NCBI Official Synonym Full Names	opsin 1 (cone pigments), medium-wave-sensitive
NCBI Official Symbol	OPN1MW
NCBI Official Synonym Symbols	CBD; GCP; GOP; CBBM; COD5; OPN1MW1

NCBI Protein Information	medium-wave-sensitive opsin 1
UniProt Protein Name	Medium-wave-sensitive opsin 1
UniProt Gene Name	OPN1MW
UniProt Synonym Gene Names	GOP
UniProt Entry Name	OPSG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/opn1mw-recombinant-protein-cell-free-expression/230713>