

Long-wave-sensitive opsin 1 (OPN1LW) Recombinant Protein | OPN1LW recombinant protein

Recombinant Human Long-wave-sensitive opsin 1 (OPN1LW)

CATALOG #
AAA230712

HOST
Cell Free Expression

PRODUCT SYNONYMS

Long-wave-sensitive opsin 1 (OPN1LW); Recombinant Human Long-wave-sensitive opsin 1 (OPN1LW); OPN1LW 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 IFVVTASVFT NGLVLAATMK FKCLRHPNLW ILVNLAVADL AETVIASITIS IVNQVSGYFV LGHPMCVLEG YTVSLCGITG LWSLAIISWE RWLVVCKPFG NVRFDAKLAI VGIAFSWIWS AVWTAPPIFG WSRYPWPHGLK TSCGPDVFSG SSYPGVQSYM ILMVTCCII PLAIIMLCYL QVWLAIRAVA KQKKESESTQ KAEKEVTRMV VMIFAYCVC WGPYTFFACF AAANPGYAFH PLMAALPAYF 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 OPN1LW recombinant protein	Transmembrane Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129219
NCBI GeneID	5956
UniProt Accession #	P04000
Molecular Weight	40,572 Da
NCBI Official Full Name	Long-wave-sensitive opsin 1
NCBI Official Synonym Full Names	opsin 1 (cone pigments), long-wave-sensitive
NCBI Official Symbol	OPN1LW
NCBI Official Synonym Symbols	CBP; RCP; ROP; CBBM; COD5
NCBI Protein Information	long-wave-sensitive opsin 1
UniProt Protein Name	Long-wave-sensitive opsin 1

UniProt Gene Name	OPN1LW
UniProt Synonym Gene Names	RCP; ROP
UniProt Entry Name	OPSR_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/opn1lw-recombinant-protein-cell-free-expression/230712>