

Product Information

MemDX™ Membrane Protein Human OPN1MW3 (Opsin 1, medium wave sensitive 3) Full

Length

Cat. No.: **MPC0314K**

This product is for research use only and is not intended for diagnostic use.

This product is a 40.5 kDa Human OPN1MW3 membrane protein expressed in Baculovirus/Insect expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

OPN1MW3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

40.5 kDa

TMD

7

Sequence

MAQQWSLQRLAGRHPQDSYEDSTQSSIFTYTNSNSTRGPFEGPNYHIAPR
WVYHLTSVWMIFVVIASVFTNGLVLAATMKFKKLRHPLNWILVNLAVADL
AETVIASISVVNQVYGYFVLGHPMCVLEGYTVSLCGITGLWSLAISWE
RWMVVCKPFGNVRFDAKLAIVGIAFSWIWAAVWTAPPIFGWSRYWPHGLK
TSCGPDVFSGSSYPGVQSYMIVLMVTCCITPLSIIVLCYLQVWLAIRAVA
KQQKESESTQKAEKEVTRMVMVLAFCFCWGPYAFFACFAAANPGYPFH
PLMAALPAFFAKSATIYNPVIYVFMNRQFRNCILQLFGKKVDDGSELSSA
SKTEVSSVSSVSPA

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

OPN1MW3

Full Name

Opsin 1, medium wave sensitive 3

Alternative Names

GCP; GOP; OPN1MW; medium-wave-sensitive opsin 3; green cone photoreceptor pigment; green-sensitive opsin; opsin 1 (cone pigments), medium-wave-sensitive 3; opsin 1 cone pigments medium-wave-sensitive 3; OPN1MW3; Opsin 1, medium wave sensitive 3

Gene ID

[101060233](#)

UniProt ID

[P0DN78](#)