

Recombinant Human OPN1SW, His-tagged

Cat. No. OPN1SW-1461H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OPN1SW protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	265-348aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	Pbs based buffer

GENE INFORMATION

Gene Name	OPN1SW opsin 1 (cone pigments), short-wave-sensitive [Homo sapiens (human)]
Official Symbol	OPN1SW
Synonyms	OPN1SW; BCP; BOP; CBT; opsin 1 (cone pigments), short-wave-sensitive; short-wave-sensitive opsin 1; blue-sensitive opsin; blue cone photoreceptor pigment
Gene ID	611

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq	NM_001708
Protein Refseq	NP_001699
MIM	613522
UniProt ID	P03999
Chromosome Location	7q32.1
Pathway	Class A/1 (Rhodopsin-like receptors); G alpha (i) signalling events; GPCR ligand binding
Function	G-protein coupled receptor activity; photoreceptor activity; receptor activity

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