

PRODUCT INFORMATION

C-Flag Tag Tag

OPN3 **Target**

Expression Host

Background

ECPN, PPP1R116 **Synonyms**

Human OPN3 full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** Q9H1Y3

Protein Families GPCR, Transmembrane, Druggable Genome,

Protein Pathways GPCRDB Class A Rhodopsin-like,

HEK293

The human full length OPN3 protein has a MW of **Molecular Weight**

44.9kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature. Opsins are members of the guanine nucleotide-

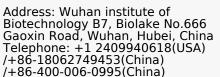
binding protein (G protein)-coupled receptor superfamily. In addition to the visual opsins, mammals possess several photoreceptive non-visual opsins that are expressed in extraocular tissues. This gene, opsin 3, is strongly expressed in brain and testis and weakly expressed in liver,

placenta, heart, lung, skeletal muscle, kidney, and pancreas. The gene may also be expressed in the retina. The protein has the canonical features of a photoreceptive opsin protein. [provided by

RefSeq, Jul 2008]

Usage Research use only

Conjugate Unconjugated



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