

## **PRODUCT INFORMATION**

**Target** OPN3

ECPN, PPP1R116 **Synonyms** 

Recombinant human OPN3 Protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q9H1Y3 **Expression Host HEK293** 

Tag C-Human Fc tag

Molecular

OPN3(Met1-Thr40) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 29.9 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

**Purity** 

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

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 nucleotidebinding protein (G protein)-coupled receptor superfamily. In addition to the visual opsins, mammals possess several photoreceptive nonvisual 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 **Background** 

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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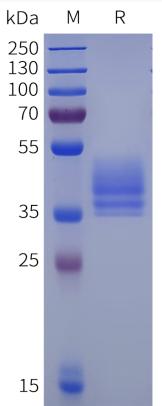


Figure 1.Human OPN3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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