

PRODUCT INFORMATION

USH2A **Target**

Synonyms US2; RP39; USH2; dJ1111A8.1

Recombinant human USH2A Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** 075445 **Expression Host** HFK293

Tag C-Human Fc tag

Molecular

Background

USH2A(Ser3956-Thr4020) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 33.4 kDa after removal of the signal peptide. The apparent molecular mass of USH2A-hFc is **Molecular Weight**

approximately 35-70 kDa due to glycosylation. 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 lyophilization. Please see Certificate of Analysis Formulation & 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a protein that contains laminin EGF motifs, a pentaxin domain, and many

fibronectin type III motifs. The protein is found in the basement membrane, and may be important in development and homeostasis of the inner ear

and retina. Mutations within this gene have been associated with Usher syndrome type IIa and retinitis pigmentosa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]

Usage Research use only

Conjugate Unconjugated







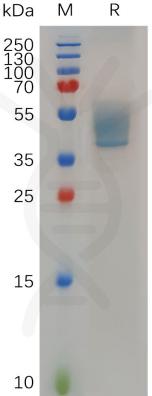


Figure 1. Human USH2A Protein, hFc Tag on SDS-PAGE under reducing condition.

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