

PRODUCT INFORMATION

PROM1 **Target**

Prom; AC133; CD133; Prom-1; Proml1; **Synonyms**

4932416E19Rik

Recombinant mouse PROM1 protein with C-**Description**

terminal human Fc tag

Delivery In Stock 054990 **Uniprot ID Expression Host HFK293**

Tag C-Human Fc tag

Molecular

Storage & Shipping

Purity

Mouse PROM1(Glu20-Glu107) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 36.1 kDa after removal of the signal peptide.

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

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions.

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).

Lyophilized proteins are shipped at ambient

temperature.

Predicted to enable actinin binding activity; cadherin binding activity; and cholesterol binding activity. Involved in camera-type eye

photoreceptor cell differentiation and retina layer formation. Located in several cellular

components, including brush border;

photoreceptor outer segment; and prominosome. Is integral component of plasma membrane. Is **Background**

expressed in several structures, including epithelium; eye; future hindbrain; genitourinary system; and nervous system. Used to study retinitis pigmentosa 41. Human ortholog(s) of this gene implicated in cone-rod dystrophy 12 and stigitis pigmentosa 41. Orthologous to human retinitis pigmentosa 41. Orthologous to human PROM1 (prominin 1). [provided by Alliance of

> Email: info@dimabio.com Website: www.dimabio.com

Genome Resources, Apr 2022]

Usage Research use only Conjugate Unconjugated





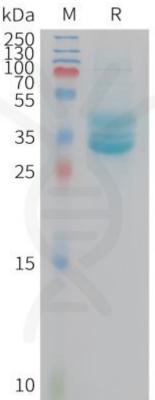


Figure 1. Mouse PROM1 Protein, hFc Tag on SDS-PAGE under reducing condition.



