

## Active Recombinant Human PROM1 protein, His-tagged(Detergent)

**Cat. No.** PROM1-5907H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PROM1 protein(O43490-1)(Gly 20 - His 865) is expressed from HEK293 with His tag.                                                     |
| <b>Species</b>          | Human                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                 |
| <b>ProteinLength</b>    | Gly 20 - His 865                                                                                                                                       |
| <b>Form</b>             | Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.                                         |
| <b>Bio-activity</b>     | Immobilized Human CD133, His Tag at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-Human CD133 Antibody, Human IgG1 with a linear range of 1-16 ng/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 97.2 kDa. The protein migrates as 90-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.          |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                             |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                        |
| <b>Storage</b>          | This product is stable after storage at:<br>The product MUST be stored at -70°C or lower upon receipt;                                                 |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

-70°C for 3 months under sterile conditions.

#### Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

### GENE INFORMATION

**Gene Name** [PROM1 prominin 1 \[ Homo sapiens \]](#)

**Official Symbol** [PROM1](#)

#### Synonyms

PROM1; prominin 1; macular dystrophy, retinal 2 , MCDR2, prominin (mouse) like 1 , PROML1, Stargardt disease 4 (autosomal dominant) , STGD4; prominin-1; AC133; CD133; RP41; hProminin; antigen AC133; prominin-like protein 1; hematopoietic stem cell antigen; MCDR2; STGD4; CORD12; PROML1; MSTP061;

**Gene ID** [8842](#)

**mRNA Refseq** [NM\\_001145847](#)

**Protein Refseq** [NP\\_001139319](#)

**MIM** [604365](#)

**UniProt ID** [O43490](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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