

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

Cat. No. PROM1-456H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Biotinylated Recombinant Human PROM1 protein(O43490-1)(Gly 20 - His 865) is expressed from HEK293 with His tag and Avi tag. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Gly 20 - His 865 |
| Form | Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant. |
| Bio-activity | Immobilized Biotinylated Human CD133 Protein, His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Monoclonal Anti-Human CD133 Antibody, Human IgG1 with a linear range of 0.2-16 ng/mL. |
| Molecular Mass | The protein has a calculated MW of 98.9 kDa. The protein migrates as 90-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Endotoxin | Less than 1.0 EU per µg by the LAL method. |
| Purity | >80% as determined by SDS-PAGE. |
| Storage | This product is stable after storage at: |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

The product MUST be stored at -70°C or lower upon receipt;
-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.

Conjugation

Biotin

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

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