

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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