

Recombinant Human PROM1 Full Length Transmembrane protein(Nanodisc), His-tagged

Cat. No. PROM1-1893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROM1 Full Length Transmembrane protein(Nanodisc)(O43490-1)(Gly20-His865), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly20-His865
Tag	C-His
Form	Supplied as 0.22 um filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD133 Nanodisc, His Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Anti-CD133 Antibody, hFc Tag with the EC50 of 4.4ng/ml determined by ELISA. The affinity constant of 0.25 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 98.60 kDa.
Endotoxin	Less than 1EU per ug by the LAL method.
Storage	Valid for 12 months from date of receipt when stored at -80°C.; Recommend to

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aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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](#)

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Activity

