

Recombinant Human PROM1 protein, His-tagged

Cat. No. PROM1-7072H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROM1 aa. (Ile171~Asp431) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile171~Asp431
Form	Freeze-dried powder
Molecular Mass	28kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.8.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

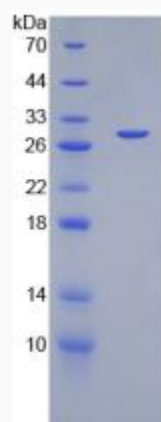
GENE INFORMATION

Gene Name	PROM1 prominin 1 [Homo sapiens (human)]
Official Symbol	PROM1
Synonyms	PROM1; prominin 1; RP41; AC133; CD133; MCDR2; STGD4; CORD12; PROML1; MSTP061; prominin-1; antigen AC133; hProminin; hematopoietic stem cell antigen; prominin-like protein 1
Gene ID	8842
mRNA Refseq	NM_001145847.1
Protein Refseq	NP_001139319.1
UniProt ID	O43490

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SDS-PAGE

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