SunLong Biotech Co.,LTD
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Recombinant Prominin 1 (PROM1)

Catalog Number: SIPB382Hu01 **Spec: 50ug**

Product Name	Recombinant Prominin 1 (PROM1)
Catalog Number	SIPB382Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Ile171~Asp431
Tags	N-terminal His Tag
Subcellular Location	Membrane
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5%Trehalose.
Original Concentration	250μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.8
Predicted Molecular Mass	30.5kDa
Accurate Molecular Mass	28kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

IGIFYGFVAN HQVRTRIKRS RKLADSNFKD
LRTLLNETPE QIKYILAQYN TTKDKAFTDL NSINSVLGGG ILDRLRPNII
PVLDEIKSMA TAIKETKEAL ENMNSTLKSL HQQSTQLSSS LTSVKTSLRS
SLNDPLCLVH PSSETCNSIR LSLSQLNSNP ELRQLPPVDA ELDNVNNVLR
TDLDGLVQQG YQSLNDIPDR VQRQTTTVVA GIKRVLNSIG SDIDNVTQRL
PIQDILSAFS VYVNNTESYI HRNLPTLEEY D

[IDENTIFICATION]

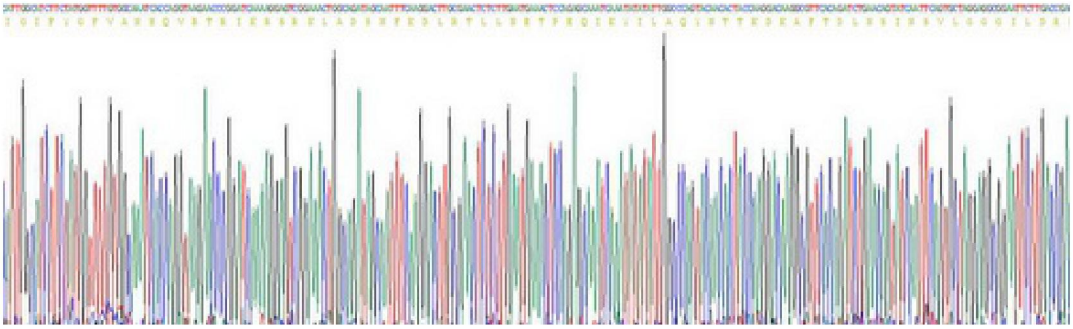


Figure . Gene Sequencing (extract)

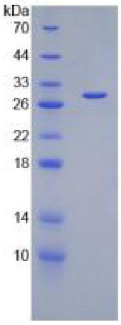


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.