



Recombinant Human Prominin-1 (PROM1)-VLPs (Active)

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| Product Code | CSB-MP018751HU(A4) |
| Abbreviation | Recombinant Human PROM1 protein-VLPs (Active) |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | O43490 |
| Form | Lyophilized powder |
| Storage Buffer | Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Biological Activity | Measured by its binding ability in a functional ELISA. Immobilized PROM1 at 5 µg/mL can bind Anti-PROM1 recombinant antibody (CSB-RA018751MA1HU), the EC50 is 0.4322-0.7189 ng/mL. |
| Sequence | GGQPSSTDAPKAWNYELPATNYETQDSHKAGPIGILFELVHIFLYVVQPRDFPE DTLRKFLQKAYESKIDYDKPETVILGLKIVYYEAGIILCCVLGLLFIILMPLVGYFF CMCRCCNKCGGEMHQRQKENGPFRLKCF AISLLVICIIISIGIFYGFVANHQVRT RIKRSRKLADSNFKDLRTLLNETPEQIKYILAQYNTTKDKAFTDLNSINSVLGGGI LDRLRPNIIPVLDEIKSMATAIKETKEALENMNSTLKS LHQQSTQLSSSLTSVKT SLRSSLNDPLCLVHPSSSETCNSIRLSLSQLNSNP ELRQLPPVDAELDNVNNVLR TDLDGLVQQGYQSLNDIPDRVQRQT TTVVAGIKRVLNSIGSDIDNVTQRLPIQDI LSAFSVYVNNTESYIHRNLPTLEEYDSYWWLGGLVICSLTLIVIFYYLGLLCGV CGYDRHATPTTRGCVSNTGGVFLMVGVL SFLFCWILMIIIVLTFVFGANVEKL ICEPYTSKELFRVLDTPYLLNEDWEY YLSGKLFNKSKMKLTFEQVYSDCKKNR GTYGTLHLQNSFNISEHLNINEHTGSISSELES LKVN LNIFLLGAAGRKNLQDFA ACGIDRMNYDSYLAQTGKSPAGVNLLSFAYDLEAKANSLPPGNLRNSLKRDA QTIKTIHQQRVLP IEQSLSTLYQSVKILQRTGNGLLERVTRILASLDFAQNFITNN TSSVII EETKKYGR TIIGYFEHYLQWIEFSISEKVASCKPVATALDTAVDVFLCSYI IDPLNLFWFGIGKATVFLLPALIFAVK LAKYYRRM DSEDVYDDVETIPMKNMEN GNNGYHKDHVYGIHNPVMTSPSQH |
| Research Area | other |
| Source | Mammalian cell |
| Target Names | PROM1 |
| Expression Region | 20-865aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | C-terminal 10xHis-tagged (This tag can be tested only under denaturing |



conditions)

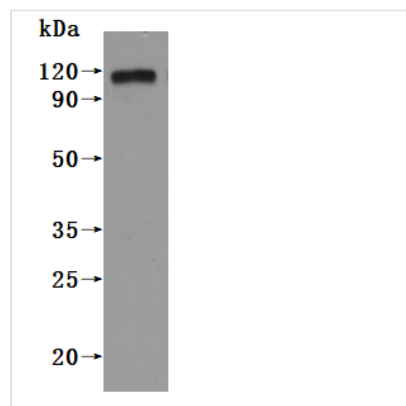
Mol. Weight

96.7 kDa

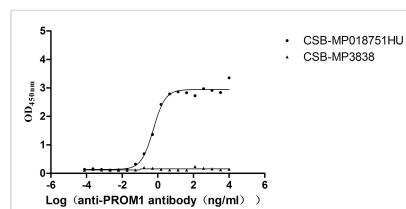
Protein Length

Full Length of Mature Protein

Image



CSB-MP018751HU(A4) is detected by Mouse anti-6*His monoclonal antibody.



Activity

Measured by its binding ability in a functional ELISA. Immobilized PROM1 at 5 µg/mL can bind Anti-PROM1 recombinant antibody (CSB-RA018751MA1HU), the EC₅₀ is 0.4322-0.7189 ng/mL.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.