



# Recombinant Human Ladinin-1 (LAD1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP012718HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O00515  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MAVSRKDWSA LSSLARQRTL EDEEEQERER RRRHRNLSST TDDEAPRLSQ<br>NGDRQASASE RLPSVEEAEV PKPLPPASKD EDEDIQSILR TRQERRRRQ<br>VVEAAQAPIQ ERLEAEEGRN SLSPVQATQK PLVSKKELEI PRRRRLSREQ<br>RGPWALEEES LVGREPEERK KGVPEKSPVL EKSSMPKTA PEKSLVSDKT<br>SISEKVLASE KTSLSEKIAV SEKRNSSEKK SVLEKTSVSE KSLAPGMALG<br>SGRRLVSEKA SIFEKALASE KSPTADAKPA PKRATASEQP LAQEPPASGG<br>SPATTKEQRG RALPGKNLPS LAKQGASDPP TVASRLPPVT LQVKIPSKKEE<br>EADMSSPTQR TYSSSLKRSS PRTISFRMKP KKENSETTLT RSASMKLPDN<br>TVKLGEKLER YHTAIRRSES VKSRGLPCTE LfvAPVGVAS KRHLFEKELA<br>GQSRAEPASS RKENLRLSGV VTSRLNLWIS RTQESGDQDP QEAQKASSAT<br>ERTQWGQKSD SSLDAEV |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | LAD1  |
| <b>Protein Names</b>     | Recommended name: Ladinin-1 Short name= Lad-1 Alternative name(s): Linear IgA disease antigen Short name= LADA  |
| <b>Expression Region</b> | 1-517   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full length protein   |
| <b>Target Details</b>    | This protein may be an anchoring filament that is a component of basement membranes. It may contribute to the stability of the association of the epithelial layers with the underlying mesenchyme.   |
| <b>Reconstitution</b>    | 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.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |