



# Recombinant Human Protein spire homolog 1 (SPIRE1)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP022588HU  |
| <b>Storage</b>           | 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.   |
| <b>Uniprot No.</b>       | Q08AE8  |
| <b>Form</b>              | Liquid or Lyophilized powder  |
| <b>Storage Buffer</b>    | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | AQAAGPAGGGEP RTEAVGGEGPREPGAAGGAAGGSRDALSLEEILRLYNQPI<br>NEEQAWAVCYQCCGSLRAAARRRQPRHRVRSAAQIRVWRDGA VTLAPAADD<br>AGEPPPVAGKLGYSQCMETEVIESLGI IYKALDYGLKENEERELSPPLEQLIDH<br>MANTVEADGSNDEGYEAAEEGLGDEDEK RKISAIRSYRDVMKLCAAHLPTES<br>DAPNHQAVCRALFAETMELHTFLTKIKSAKENLKKIQEMEKSDDESSTDLEELK<br>NADWARFWVQVMRDLRNGVKLKKVQERQYNPLPIEYQLTPYEMLMDDIRCK<br>RYTLRKVMVNGDIPRRLKKS AHEILD FIRSRPPLNPVSARKLKPTPPRPSLHE<br>RILEEIK AERKL RPVSPEEIRRSRLAMRPLSMSYSFDLSDVTTPESTKNLVESS<br>MVNGGLTSQTKENGLSTSQQVPAQRKLLRAPTLAELDSSSESEEETLHKSTSS<br>SSVSPSFPEEPVLEAVSTRKKPKFLPISSTPQPERRQPPQRRHSIEKETPTNV<br>RQFLPPSRQSSRSLEEF CYPVECLALTVEEVMHIRQVLVKA ELEKYQQYKDIYT<br>ALKKGKLCFCCRTRRF SFFTWSYTCQFCKRPVCSQCCKMRLPSKPYSTLP IF<br>SLGPSALQRGESSMRSEKPSTAHHRPLRSIARFSSKSKSMDKSDEELQFPKEL<br>MEDWSTMEVCVDCKKFISEI ISSSRSLVLANKRARLKRKTQSFYMS SPGPSE<br>YCPSERTISEI |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | SPIRE1  |
| <b>Expression Region</b> | 2-756   |
| <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 of Mature Protein   |
| <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.

### Shelf Life

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