

## Recombinant Full Length Mutant Human CRISPLD1 (R431H) Protein, GST-tagged

**Cat. No.** CRISPLD1-003HFL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Mutant Human CRISPLD1 (R431H) Protein with GST tag expressed in E.coli cell-free system.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | Involved in face morphogenesis. Located in extracellular exosome.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0. The volume before lyophilization is 10µl/vial.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 79.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MVVPNATLLEKLLEKYMDEDEGEWWIAKQRGKRAITDNDMQSILDLHNKLR SQVYPT<br/> ASNMEYMTWDVELERSAESWAESCLWEHG PASLLPSIGQNLGAHWGRYRPPTFH<br/> VQSWYDEVKDFSYPYEHECNPYCPFRCSGPVCTHYTQV VWATSNRIGCAINLCHN<br/> MNIW GQIWP KAVYLV CNYS PKGNWWGHAPYKHGRPCSACPPSFGGGCRENL CYK<br/> EGSDRYYP PREEETNEIERQQSQVHDTHVRTRSD DSSRNEVISAQQMSQIVSCEVR<br/> LRDQCKGTT CNRYECPAGCLDSKAKVIGSVHYEMQSSICRAAIHYGIIDNDGGWVDI<br/> TRQGRKH YFIKSNRNGIQTIGKYQSANSFTVSKVT VQAVTCETTVEQLCPFHKPASH<br/> CPRVYCPRNCMQANPHYAHVIGTRVYSD LSSICRAAVHAGVVRNHGGYVDVMPVD<br/> KRKTYIASFQNGIFSESLQNPPGGKA FRVFAVV</p> |

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|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | >=85% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>        | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                            |
| <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 centigrade/-80 centigrade . Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <b>Full Length</b>    | Full L.                                                                                                                                                                                                                                                                                                                                                                                                                        |

## GENE INFORMATION

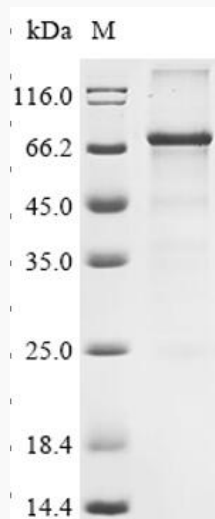
|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CRISPLD1 cysteine rich secretory protein LCCL domain containing 1 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | CRISPLD1                                                                                   |
| <b>Synonyms</b>        | CRISP10; LCRISP1; CRISP-10                                                                 |
| <b>Gene ID</b>         | 83690                                                                                      |
| <b>mRNA Refseq</b>     | NM_031461.6                                                                                |
| <b>Protein Refseq</b>  | NP_113649.1                                                                                |
| <b>UniProt ID</b>      | Q9H336                                                                                     |

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# SDS-PAGE



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