

## Recombinant Human FSTL1 Protein

**Cat. No.** FSTL1-819H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Recombinant human FSTL1 protein without tag was expressed in HEK293.                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 308                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | This gene encodes a protein with similarity to follistatin, an activin-binding protein. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. This gene product is thought to be an autoantigen associated with rheumatoid arthritis.                                                    |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 32.7 kDa                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MWKRWLALALALVAVAWVRAEEELRSKSKICANVFCGAGRECAVTEKGEPTCLCIE<br>QCKPHKRPVCGSNGKTYLNHCELHRDACTGSKIQVDYDGHCKEKKSVSPSPV<br>VCYQSNRDELRRRIIQWLEAEIIPDGWFSKGSNYSEILDKYFKNFDNGDSRLDSSEFL<br>KFVEQNETAINITTYPDQENNKLLRGLCVDALIELSDENADWKLSFQEFCLKLNPSFN<br>PPEKKCALEDETYADGAETEVDNRCVCACGNWVCTAMTCDGKNQKGAQTQTEE<br>EMTRYVQELQKHQETAETKRVSTKEI |
| <b>Purity</b>           | > 98%                                                                                                                                                                                                                                                                                                                               |

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| <b>Applications</b>   | Migration Assay; WB; ELISA;                                                                                                                                                                                                                                                 |
| <b>Stability</b>      | This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.                                                                      |
| <b>Storage</b>        | At -20 centigrade.                                                                                                                                                                                                                                                          |
| <b>Concentration</b>  | 1 mg/mL                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b> | PBS (pH 7.4-7.5). Sterile-filtered colorless solution.                                                                                                                                                                                                                      |
| <b>Reconstitution</b> | Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance. |

## GENE INFORMATION

|                        |                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FSTL1 follistatin-like 1 [ Homo sapiens (human) ]                                                                    |
| <b>Official Symbol</b> | FSTL1                                                                                                                |
| <b>Synonyms</b>        | FSTL1; follistatin-like 1; follistatin-related protein 1; FRP; FSL1; follistatin-like protein 1; FLJ50214; FLJ52277; |
| <b>Gene ID</b>         | 11167                                                                                                                |
| <b>mRNA Refseq</b>     | NM_007085                                                                                                            |
| <b>Protein Refseq</b>  | NP_009016                                                                                                            |

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| MIM | 605547 |
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| UniProt ID | Q12841 |
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