

Bioactive

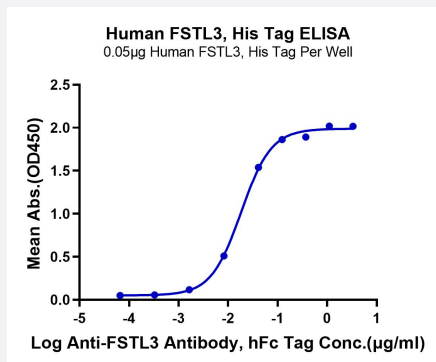
HuPro®

# FSTL3 (Human) Recombinant Protein

Catalog # P9920

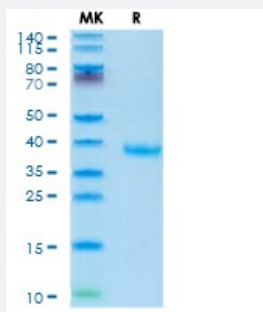
Size 100 ug

## Applications



### Enzyme-linked Immunoabsorbent Assay

Immobilized Human FSTL3, His Tag at 0.5 ug/mL (100 uL/Well) on the plate. Dose response curve for Anti-FSTL3 Antibody, hFc Tag with the EC50 of 18.4 ng/mL determined by ELISA (QC Test).



### Tris-Bis PAGE

Human FSTL3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

## Specification

|                             |  |
|-----------------------------|--|
| <b>Product Description</b>  | Human FSTL3 (O95633-1, Met27-Val263) partial recombinant protein with His tag at C-Terminus expressed in HEK293 cells. |
| <b>Sequence</b>             | Met27-Val263   |
| <b>Host</b>                 | Human  |
| <b>Theoretical MW (kDa)</b> | 26.1   |
| <b>Form</b>                 | Lyophilized  |

|                         |  |
|-------------------------|--|
| Preparation Method      | Mammalian cell (HEK293) expression system  |
| Purity                  | > 95% as determined by Tris-Bis PAGE   |
| Endotoxin Level         | < 1 EU per 1 ug of protein (determined by LAL method)  |
| Activity                | The EC <sub>50</sub> was 18.4 ng/mL, measured by ELISA at 0.5 ug/mL. Measured by the ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED <sub>50</sub> for this effect is typically 5-25 ng/mL in the presence of 7.5 ng/mL rhActivin A. |
| Quality Control Testing | Tris-Bis PAGE<br>Tris-Bis PAGE<br>Human FSTL3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.  |
| Recommend Usage         | Biological Activity<br>Cell proliferation assay<br>ELISA<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user.   |
| Storage Buffer          | Lyophilized from sterile distilled Water is > 100 ug/mL  |
| Storage Instruction     | Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.  |
| Note                    | Result of bioactivity analysis   |

## Applications

- Enzyme-linked Immunoabsorbent Assay

Immobilized Human FSTL3, His Tag at 0.5 ug/mL (100 uL/Well) on the plate. Dose response curve for Anti-FSTL3 Antibody, hFc Tag with the EC<sub>50</sub> of 18.4 ng/mL determined by ELISA (QC Test).

- Functional Study

- SDS-PAGE

## Gene Info — FSTL3

|                    |                          |
|--------------------|--------------------------|
| Entrez GeneID      | <a href="#">10272</a>    |
| Protein Accession# | <a href="#">O95633-1</a> |
| Gene Name          | FSTL3                    |

|                    |  |
|--------------------|--|
| Gene Alias         | FLRG, FSRP   |
| Gene Description   | follistatin-like 3 (secreted glycoprotein)   |
| Omim ID            | <a href="#">605343</a>   |
| Gene Ontology      | <a href="#">Hyperlink</a>  |
| Gene Summary       | Follistatin-like 3 is a secreted glycoprotein of the follistatin-module-protein family. It may have a role in leukemogenesis. [provided by RefSeq] |
| Other Designations | follistatin-like 3 glycoprotein follistatin-related protein  |