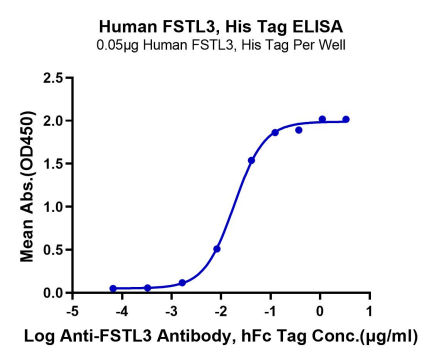
Bioactive HuPro®

FSTL3 (Human) Recombinant Protein

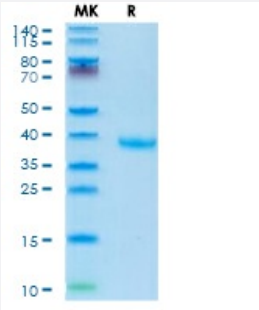
Catalog # P9920 Size 100 ug

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

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

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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_{50} was 18.4 ng/mL, messured by ELISA at 0.5 ug/mL. Measured by the ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED_{50} 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 Tris-Bis PAGE Human FSTL3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity Cell proliferation assay ELISA SDS-PAGE 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

- Functional Study
- 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).
- SDS-PAGE

Gene Info — FSTL3

Entrez GeneID	10272
Protein Accession#	O95633-1
Gene Name	FSTL3

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Gene Alias	FLRG, FSRP
Gene Description	follistatin-like 3 (secreted glycoprotein)
Omim ID	605343
Gene Ontology	Hyperlink
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

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