

## Recombinant Mouse FSTL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2970	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse FSTL1 Protein is produced by mammalian expression system and the target gene encoding Glu19-Ile306 is expressed with a Fc tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
<b>Gene Symbol</b>	FSTL1		
<b>Alternative Names</b>	FRP; Follistatin-related protein 1; Follistatin-like protein 1		
<b>Entrez Gene</b>	14314 (Mouse)		
<b>SwissProt</b>	Q62356 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>EEEPRSKSKI CANVFCGAGR ECAVTEKGEF TCLCIEQCKP HKRPVCGSNG KTYLNHCELH            RDACTLGSKI QVDYDGHCKE KKSASPSASP VVCYQANRDE LRRRLIQWLE AEIIPDGWFS            KGSNYSEILD KYFKSFDNGD SHLDSSEFLK FVEQNETAIN ITTYADQENN KLLRSLCVDA            LIELSDENAD WKLSFQEFLK CLNPSFNPPE KKCALEDETY ADGAETEVDK NRCVCSCGHW            VCTAMTCDGK NQKGVQTHTE EEKTGYVQEL QKHQGTAEKT KKVNTKEIVD DIEGRMDEPK            SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPV VTCVVVDVSH EDPEVKFNWY            VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK            AKGQPREPQV YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTPPVV            DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the		
<p><b>Application key:</b> E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference</p> <p><b>Species reactivity key:</b> H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish</p>			

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# Product Data Sheet

lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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