

Recombinant Mouse FSTL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2969	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse FSTL1 Protein is produced by mammalian expression system and the target gene encoding Glu19-Ile306 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	FSTL1		
Alternative Names	FRP; Follistatin-related protein 1; Follistatin-like protein 1		
Entrez Gene	14314 (Mouse)		
SwissProt	Q62356 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	EEPRSKSKI CANVFCGAGR ECAVTEKGEP TCLCIEQCKP HKRPVCGSNG KTYLNHCELH RDACTGSKI QVDYDGHCKE KKSASPSASP VVCYQANRDE LRRRLIQWLE AEIIPDGWFS KGSNYSEILD KYFKSFDNGD SHLDSSEFLK FVEQNETAIN ITTYADQENN KLLRSLCVDA LIELSDENAD WKLSFQEFLK CLNPSFNPPE KKCALEDETY ADGAETEVCDC NRCVCSCGHW VCTAMTCDGK NQKGVQTHTE EEKTGYVQEL QKHQGTAECT KKVNTKEIVD HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	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 lyophilized protein in ddH ₂ 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.		

Application key: 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

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

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

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