

Recombinant Mouse F10 Protein

Catalog #	Source	Reactivity	Applications
CRP1512	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse F10 Protein is produced by our mammalian expression system and the target gene encoding Gly21-Asn481 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM MES, 150mM NaCl, 1mM CaCl ₂ pH 7.5.		
Gene Symbol	F10		
Alternative Names	Coagulation factor X; Stuart factor; Stuart-Prower factor		
Entrez Gene	14058 (Mouse)		
SwissProt	O88947 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>GKGVFINRER ANNVLARTRR ANSFFEEFK GNLERECMEE ICSYEEVREI FEDDEKTKEY</p> <p>WTKYKDGQDC ESSPCQNQGA CRDGIGGYTC TCSEGFEGKN CELFVRKLCR LDNGDCDQFC</p> <p>REEQNSVVCS CASGYFLGND GKSCISTAPF PCGKITTGRR KRSVALNTSD SELDLEDALL</p> <p>DEDFLSPTEN PIELLNLNET QPERSSDDL V RIVGGRECKD GECPWQALLI NEDNEGFCGG</p> <p>TILNEFYILT AAHCLHQARR FKVRVGDRNT EKEEGNEMVH EVDVVIKHNK FQRDTYDYDI</p> <p>AVLRLKTPIT FRMNVAPACL PQKDWAESTL MTQKTGIVSG FGRTHEKGRQ SNILKMLEVP</p> <p>YVDRNTCKLS TSFSITQNMF CAGYEAKLED ACQGDSGGPH VTRFKNTYYV TGIVSWGEGC</p> <p>ARKGKYGIYT KVTTFLKWID RSMKARVGPT AETPRTAGPP NVDHHHHHHH</p>		
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		

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

lyophilized protein in 1X PBS. 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.

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com