

Product Data Sheet

Recombinant Human F9 Protein

Catalog #	Source	Reactivity	Applications
CRP1515	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human F9 Protein is produced by mammalian expression system and the target gene encoding Thr29-Thr461 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.		
Gene Symbol	F9		
Alternative Names	Coagulation factor IX; Christmas factor; Plasma thromboplastin component; PTC		
Entrez Gene	2158 (Human)		
SwissProt	P00740 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	TVFLDHENAN KILNRPKRYN SGKLEEFVQG NLERECMEEK CSFEEAREVF ENTERTTEFW KQYVDGDQCE SNPCLNGGSC KDDINSYECW CPFGFEGKNC ELDVTCNIKN GRCEQFCKNS ADNKVVCST EGYRLAENQK SCEPAVPFPC GRVSVSQTSK LTRAETVFPD VDYVNSTEAE TILDNITQST QSFNDFTRVV GGEDAKPGQF PWQVVLNGKV DAFCGGSIVN EKWIVTAAHC VETGVKITVV AGEHNIEETE HTEQKRNVIR IIPHHNYNAA INKYNHDIAL LELDEPLVLN SYVTPICIAD KEYTNIFLKF GSGYVSGWGR VFHKGRSALV LQYLRVPLVD RATCLRSTKF TIYNNMFCAG FHEGGRDSCQ GDSGGPHVTE VEGTSFLTGI ISWGEECAMK GKYGIYTKVS RYVNWIKEKT KLTVDHHHHH H		
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. Please aliquot		

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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the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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