

## Recombinant Human F9 Protein

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

**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

**Storage/Stability** Store it at -20°C to -80°C for one year.

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