

Recombinant Human CD135 Protein

Catalog #	Source	Reactivity	Applications
CRP2596	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD135 Protein is produced by mammalian expression system and the target gene encoding Asn27-Asn541 is expressed		
Form	Liquid in a 0.2 µM filtered solution of PBS, PH7.4.		
Gene Symbol	FLT3		
Alternative Names	CD135; FLK2; STK1; Receptor-type tyrosine-protein kinase FLT3; FL cytokine receptor; Fetal liver kinase-2; FLK-2; Fms-like tyrosine kinase 3; FLT-3; Stem cell tyrosine kinase 1; STK-1; CD135		
Entrez Gene	2322 (Human)		
SwissProt	P36888 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	NQDLPVIKCV LINHKNNDS V GKSSSYPMV SESPEDLGCA LRPQSSGTVY EAAAVEVDVS ASITLQVLVD APGNISCLWV FKHSSLNCQP HFDLQNRGVV SMVILKMTET QAGEYLLFIQ SEATNYTILF TVSIRNTLLY TLRRPYFRKM ENQDALVCIS ESVPEPIVEW VLCDSQGESC KEESPAVVKK EEKVLHELFG MDIRCCARNE LGRECTRLFT IDLNQTPQTT LPQLFLKVGE PLWIRCKAVH VNHGFGLTWE LENKALEEGN YFEMSTYSTN RTMIRILFAF VSSVARNDTG YYTCSSSKHP SQSALVTIVE KGFINATNSS EDYEIDQYEE FCFSVRFKAY PQIRCTWTF5 RKSFPCQEQG LDNGYSISKF CNHKKHPGEY IFHAENDDAQ FTKMFTLNIR RKPQVLAEAS ASQASCFSDG YPLPSWTWKK CSDKSPNCTE EITEGVWNRK ANRKVFGQWW SSSTLNMSEA IKGFLVKCCA YNSLGTSCET ILLNSPGPPF FIQDNVDDIE GRMDEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVS NKALPAP IEKTISKAKG		

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

QPREQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDSD
GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGK

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 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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