

Recombinant Human CD135 Protein

Catalog #	Source	Reactivity	Applications
CRP2596	Human cells	Human	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 NQDLPIKCV LINHKNNDS V GKSSSYPMV SESPEDLGCA LRPQSSGTVY EAAAVEVDVS ASITLQVLVD APGNISCLWV FKHSSLNCQP HFDLQNRGVV SMVILKMTET QAGEYLLFIQ SEATNYTILF TVSIRNTLLY TLRRPYFRKM ENQDALVCIS ESVPEPIVEW VLCDSSQGESC KEESPAVVKK EEKVLHELFG MDIRCCARNE LGRECTRLFT IDLNQTPQTT LPQLFLKVGE PLWIRCKAVH VNHGFGLTWE LENKALEEGN YFEMSTYSTN RTMIRILFAF VSSVARNDTG YYTCSSSKHP SQSALVTIVE KGFINATNSS EDYEIDQYEE FCFSVRFKAY PQIRCTWTFS RKSFPCEQKG LDNGYSISKF CNHKHQPGY IFHAENDDAQ FTKMFTLNIR RKPQVLAEAS ASQASCFSDG YPLPSWTWKK CSDKSPNCTE EITEGVWNRK ANRKVFGQWV 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

QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNQQPENNY KTTTPVLDS

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

Please 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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