Receptor-type tyrosine-protein kinase FLT3 (FLT3) Recombinant Protein | FLT3 recombinant protein

Recombinant Human Receptor-type tyrosine-protein kinase FLT3 (FLT3), partial

CATALOG #	HOST
AAA113863	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Receptor-type tyrosine-protein kinase FLT3 (FLT3); Recombinant Human Receptor-type tyrosine-protein kinase FLT3 (FLT3); partial; FLT3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	27-543. Partial, provide the complete extracellular domain.
Sequence	NQDLPVIKCV LINHKNNDSS VGKSSSYPMV SESPEDLGCA LRPQSSGTVY EAAAVEVDVS ASITLQVLVD APGNISCLWV FKHSSLNCQP HFDLQNRGVV SMVILKMTET QAGEYLLFIQ SEATNYTILF TVSIRNTLLY TLRRPYFRKM ENQDALVCIS ESVPEPIVEW VLCDSQGESC KEESPAVVKK EEKVLHELFG TDIRCCARNE LGRECTRLFT IDLNQTPQTT LPQLFLKVGE PLWIRCKAVH VNHGFGLTWE LENKALEEGN YFEMSTYSTN RTMIRILFAF VSSVARNDTG YYTCSSSKHP SQSALVTIVE KGFINATNSS EDYEIDQYEE FCFSVRFKAY PQIRCTWTFS RKSFPCEQKG LDNGYSISKF CNHKHQPGEY IFHAENDDAQ FTKMFTLNIR RKPQVLAEAS ASQASCFSDG YPLPSWTWKK CSDKSPNCTE EITEGVWNRK ANRKVFGQWV SSSTLNMSEA IKGFLVKCCA YNSLGTSCET ILLNSPGPFP FIQDNIS
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FLT3 recombinant protein	This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. The receptor consists of an extracellular domain composed of five immunoglobulin-like domains, one transmembrane region, and a cytoplasmic kinase domain split into two parts by a kinase-insert domain. The receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia.

NCBI AND UNIPROT INFORMATION

NCBI GI #	121114304
NCBI GeneID	2322
NCBI Accession #	NP_004110.2
NCBI GenBank Nucleotide #	NM_004119.2
UniProt Accession #	P36888; Q13414; A0AVG9; B7ZLT7; B7ZLT8; F5H0A0

Molecular Weight	108,378 Da
NCBI Official Full Name	receptor-type tyrosine-protein kinase FLT3
NCBI Official Synonym Full Names	fms related tyrosine kinase 3
NCBI Official Symbol	FLT3
NCBI Official Synonym Symbols	FLK2; STK1; CD135; FLK-2
NCBI Protein Information	receptor-type tyrosine-protein kinase FLT3
UniProt Protein Name	Receptor-type tyrosine-protein kinase FLT3
UniProt Gene Name	**FLT3**
UniProt Synonym Gene Names	CD135; FLK2; STK1; FLK-2; FLT-3; STK-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/flt3-recombinant-protein-e-coli/113863