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Datasheet for ABIN4371377
FLT1 Protein (AA 27-756) (Fc Tag)

Overview

Quantity:	50 µg
Target:	FLT1
Protein Characteristics:	AA 27-756
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human VEGF Receptor 1/VEGF R1/FLT-1 (C-Fc)
Sequence:	SKLKDPELSL KGTQHIMQAG QTLHLQCRGE AAHKWSPPEM VSKESERLSI TKSACGRNGK QFCSTLTLNT AQANHTGFYS CKYLAVPTSK KKETESAIYI FISDTGRPFV EMYSEIPEII HMTEGRELVI PCRVTSPNIT VTLKKFPLDT LIPDGKRIIW DSRKGFISN ATYKEIGLLT CEATVNGHLY KTNYLTHRQT NTIIDVQIST PRPVKLLRGH TLVLNCTATT PLNTRVQMTW SYPDEKNKRA SVRRRIDQSN SHANIFYSVL TIDKMQNKDK GLYTCRVRSG PSFKSVNTSV HIYDKAFITV KHRKQVLET VAGKRSYRLS MKVKAFPSPE VWWLKDGLPA TEKSARYLTR GYSLIKDVT EEDAGNYTIL LSIKQSNVFK NLTATLIVNV KPQIYEKAVS SFPDPALYPL GSRQILTCTA YGIPQPTIKW FWHPCNHNHS EARCDFCSNN EESFILDADS NMGNRIESIT QRMAIIEGKN KMASTLVVAD SRISGIYICI ASNKVGTVGR NISFYITDVP NGFHVNLEKM PTEGEDLKLS CTVNKFLYRD VTWILLRTVN NRTMHYSISK QKMAITKEHS ITLNLTIMNV SLQDSGTYAC RARNVYTGEE ILQKKEITIR DQEAPYLLRN LSDHTVAISS STTLDCHANG VPEPQITWFK NNHKIQQEPG IILGPGSSTL FIERVTEEDE GVYHCKATNQ KGSVESSAYL

Product Details

TVQGTSDKSN VDDIEGRMDE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT
PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG
KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD
IAVEWESNGQ PENNYKTTTPP VLDSGDSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY
TQKSLSLSPG K

Characteristics: Recombinant Human VEGF Receptor 1/VEGF R1/FLT-1 (C-Fc)

Purity: > 95 % as determined by reducing SDS-PAGE.

Sterility: 0.2 µm filtered

Endotoxin Level: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target: FLT1

Alternative Name: VEGF Receptor 1 ([FLT1 Products](#))

Molecular Weight: 109 kDa

UniProt: [P17948](#)

Pathways: [RTK Signaling, Signaling Events mediated by VEGFR1 and VEGFR2, VEGFR1 Specific Signals](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.