

Human VEGFR2 Recombinant Protein



RPPB2679

Product Information Protein Information

Product SKU:

RPPB2679

Accession:

P35968

Host:

Sf9, Baculovirus cells.

Protein description:

VEGFR2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 987 amino acids (20-764a.a) and having a molecular mass of 110.5kDa (Molecular size on SDS-PAGE will appear at approximately 100-150kDa). VEGFR2 is fused to a 239 amino acids hIlgG-His-tag at C-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

KDR D1-7, sKDR D1-7, Kinase insert domain receptor, Protein-tyrosine kinase receptor Flk-1, CD309, type III receptor tyrosine kinase, FLK1, VEGFR-2.

Formulation:

VEGFR2 solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ADPASVGLPS VSLDLPRLSI QKDILTIAN TLLQITCRGQ RDLDWLWPNN QSGSEQRVEV TECSDFGLFCK
TLTIPKVIGN DTGAYKCFYR ETDLASVIYV YVQDYRSPFI ASVSDQHGVV YITENKNTKV VIPCLGSISN
LNVSLCARYP EKRFVPDGNR ISWDSKKGFT IPSYMISYAG MVFCEAKIND ESYQSIMYIV VVVGRIYDV
VLSPSHGIEL SVGEKLVVNC TARTELVNVI DFNWEYSSK HQHKLVNVRD LKTQSGSEMK KFLSTLTIDG
VTRSDQGLYT CAASSGLMTK KNSTFVRVHE KPFVAFGSGM ESLVEATVGE RVRIPAKYLG YPPPEIKWYK
NGIPLESNHT IKAGHVLTIM EVSERDTGNY TVILTNPISK EKQSHVSVLV VVPPQIGEK SLISPVDSYQ
YGTQTTLTCT VYAIPPPPII HWYWQLEEEC ANEPSQAVSV TNPYPCEEWR SVEDFQGGNK IEVNKNQFAL
IEGKNKTVST LVIQAANVSA LYKCEAVNKV GRGERVISFH VTRGPEITLQ PDMQPTEQES VSLWCTADRS
TFENLTWYKL GPQPLPIHVG ELPTPVCKNL DTLWKLNATM FSNSTNDILI MELKNASLQD QGDYVCLAQD
RKTKKRHCVV RQLTVLERA PTITGNLENQ TTSIGESIEV SCTASGNPPP QIMWFKDNET LVEDSGIVLK
DGNRNLTIIR VRKEDEGLYT CQACSVLGCA KVEAFFIIEG AQEKTNLELE PKSCDKTHTC PPCPAPELLG
GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL
TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD
IAVEWESNGQ PENNYKTPP VLDSGDSFFL YSKLTVDKSR WQQGNVFCFS VMHEALHNHY TQKLSLSLPG
KHHHHHH.