

RPPB2677

Product Information Protein Information

Product SKU:

RPPB2677

Accession:

P35968

Host:

Insect Cells.

Protein description:

Soluble VEGFR-2 Human Recombinant produced in baculovirus is monomeric, glycosylated, polypeptide having a molecular mass of 116 kDa. The soluble receptor protein contains only the first 7 extracellular domains, which contain all the information necessary for ligand binding. The sKDR is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

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:

KDR was lyophilized from a concentrated (1mg/ml) sterile solution containing 25mM MES pH-5.5 and 100mM NaCl.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized VEGFR2 in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized VEGFR-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FLK1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

ASVGLPSVSLD LPRLSIQKDI LTIKANTTLQ ITCRGQRDL D WLWPNNQSGS EQRVEVTECS DGLFCKTLTI PKVIGNDTGA
YKCFYRETDL ASVIYVYVQD YRSPFIASVS DQHGVMYITE NKNKTVVIPC LGSISNLNVS LCARYPEKRF VPDGNRISWD
SKKGFTIPSY MISYAGMVFC EAKINDESYQ SIMYIVVVVG YRIYDVVLSV SHGIELSVGE KLVNCTART ELNVGIDFNW
EYPSSKHQHK KLVNRDLKTQ SGSEMKKFLS TLTIDGVTRS DQGLYCAAS SGLMTKKNST FVRVHEKPFV
AFGSGMESLV EATVGERVRI PAKYLGYPVP EIKWYKNGIP LESNHTIKAG HVLTIMEVSE RDTGNYTVIL TNPISKEKQS
HVVSLVWYVP PQIGEKSLIS PVDSYQYGT T QLTCTVYAI PPPHHIHWYV QLEEECANEP SQAVSVTPNY
PCEEWRVSD FQGGNKIEVN KNOFALIEGK NKTVSTLVIQ AANVSALYKC EAVNKVGRGE RVISFHVTRG
PEITLQPMQ PTEQESVSLW CTADRSTFEN LTWYKLGPPQ LPIHVGELPT PVCKNLDTLW KLNATMFSNS
TNDILIMELK NASLQDQGDY VCLAQDRKTK KRHCVVRQLT VLERVAPTIT GNLENQTTSI GESIEVSCTA
SGNPPQIMW FKNETLVED SGIVLKDGNR NLTI RRVKRE DEGLYTCQAC SVLGCAKVEA FFIIEGA.