

## VEGFR-2 Protein, Human (HEK 293, Fc)

<b>Cat. No.:</b>	HY-P70635
<b>Synonyms:</b>	Vascular endothelial growth factor receptor 2; KDR; VEGFR-2; Fetal liver kinase 1; FLK-1; Kinase insert domain receptor; Protein-tyrosine kinase receptor flk-1; VEGFR2; VEGF R2
<b>Species:</b>	Human
<b>Source:</b>	HEK 293
<b>Accession:</b>	P35968 (A20-E764)
<b>Gene ID:</b>	3791
<b>Molecular Weight:</b>	150-160 kDa

### PROPERTIES

#### AA Sequence

ASVGLPSVSL	DLPRLSIQKD	ILTIKANTTL	QITCRGQRDL
DWLWPNNQSG	SEQRVEVTEC	SDGLFCKTLT	IPKVI GNDTG
AYKCFYRETD	LASVIYVYVQ	DYRSPFIASV	SDQHGVVYIT
ENKNKTVVIP	CLGSISNLNV	SLCARYPEKR	FVPDGNRISW
DSKKGFTIPS	YMISYAGMVF	CEAKINDESY	QSIMYIVVVV
GYRIYDVVLS	PSHGIELSVG	EKLVLNCTAR	TELVGIDFN
WEYPPSSKHQH	KKLVNRDLKT	QSGSEMKKFL	STLTIDGVTR
SDQGLYTCAA	SSGLMTKKNS	TFVRVHEKPF	VAFGSGMESL
VEATVGERVR	IPAKYLGYP	PEIKWYKNGI	PLESNHTIKA
GHVLTIMEVS	ERDTGNYTVI	LTNPISKEKQ	SHVVS LVVYV
PPQIGEKSLI	SPVDSYQYGT	TQTLTCTVYA	IPPPHHIHWY
WQLEEECANE	PSQAVSVTNP	YPC EEWRSVE	DFQGGNKIEV
NKNQFALIEG	KNKTVSTLVI	QAANVSALYK	CEAVNKVGRG
ERVISFHVTR	GPEITLQPDM	QPT EQESVSL	WCTADRSTFE
NLTWYKLG PQ	PLPIHVGELP	TPVCKNLDTL	WKLNATMFSN
STNDILIMEL	KNASLQDQGD	YVCLAQDRKT	KKRHC VVRQL
TVLERVAPTI	TGNLENQTTS	IGESIEVSCT	ASGNPPPQIM
WFKDNETLVE	DSGIVLKDGN	RNLTI RRVRK	EDEGLYTCQA
CSVLGCAKVE	AFFIEGAQE	KTNLE	

**Biological Activity** 10 µg/mL (100 µL/well) of immobilized Human VEGF121 can bind biotinylated Human VEGFR2/KDR with an ED50 value of 1.92 µg/mL.

**Appearance** Lyophilized powder.

**Formulation** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

**Endotoxin Level** <1 EU/µg, determined by LAL method.

**Reconstitution** It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O.

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<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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