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Product Datasheet

Human VEGF R2 / KDR Protein, Fc Tag (MALS verified), Unconjugated ABS-VE2-H5255-100UG

Article Name	Human VEGF R2 / KDR Protein, Fc Tag (MALS verified), Unconjugated
Biozol Catalog Number	ABS-VE2-H5255-100UG
Supplier Catalog Number	VE2-H5255-100ug
Alternative Catalog Number	ABS-VE2-H5255-100UG
Manufacturer	AcroBiosystems
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Conjugation	Unconjugated
Product Description	Kinase insert domain receptor (KDR) is also known as CD309, FLK1, VEGFR, VEGFR2, and is one of the subtypes of VEGFR. VEGF receptors are receptors for vascular endothelial growth factor (VEGF). There are three main subtypes of VEGFR, numbered 1, 2 and 3. This product is the VEGFR2 subtype. VEGFR2 is a transmembrane protein that is activated by VEGF-A, VEGF-B, and PlGF. It is involved in the regulation of angiogenesis, cell proliferation, and cell migration. VEGFR2 is also known as CD309, FLK1, and is a member of the receptor tyrosine kinase family. It is a single-chain protein with an extracellular domain containing a VEGFR-like domain, a transmembrane domain, and an intracellular domain containing a kinase domain. The extracellular domain is responsible for ligand binding, while the intracellular domain is responsible for signal transduction. VEGFR2 is expressed on a variety of cell types, including endothelial cells, fibroblasts, and immune cells. It is involved in a variety of biological processes, including angiogenesis, cell proliferation, and cell migration. VEGFR2 is a key target for therapeutic agents, including monoclonal antibodies and small molecule inhibitors. VEGFR2 is also a target for gene therapy, as it can be used to deliver therapeutic genes into cells. VEGFR2 is a key target for therapeutic agents, including monoclonal antibodies and small molecule inhibitors. VEGFR2 is also a target for gene therapy, as it can be used to deliver therapeutic genes into cells.
Molecular Weight	109.7 kDa
Tag	C-Fc
NCBI	31823
Buffer	50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5
Purity	95%
Form	Powder

Target

VEGF R2