

## Vascular Endothelial Growth Factor Human Recombinant, His

<b>Item Number</b>	rAP-2502
<b>Synonyms</b>	Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGF, MGC70609.
<b>Description</b>	Vascular Endothelial Growth Factor Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain (aa 207-371) containing a total of 185 amino acids and having a molecular mass of 21.3 kDa (corresponding to Isoform L-VEGF165 UniProt acc#P15692-11). The VEGF is fused to a 20 a.a His-tag at
<b>Uniprot Accesion Number</b>	P15692
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQENPCGPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	VEGF His (0.5mg/ml) is supplied in 20mM Tris-HCl pH-8.5, 50% glycerol, 5mM DTT, 200mM NaCl & 2mM EDTA. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**