

Vascular Endothelial Growth Factor Human Recombinant, His

Item Number	rAP-2502
Synonyms	Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGF, MGC70609.
Description	Vascular Endothelial Growth Factor Human Recombinant produced in E.Coli is a non-glycosylated, poly-peptide 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
Uniprot Accession Number	P15692
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQENPCGPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 ender users! This product is sold for **Research Use Only**