

Product Data Sheet

Recombinant Human VEGF165 Protein

Catalog #	Source	Reactivity	Applications
CRP3111	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human VEGF165 Protein is produced by mammalian expression system and the target gene encoding Ala27-Arg191 is expressed.		
Form	Liquid in a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	VEGFA		
Alternative Names	VEGF; Vascular endothelial growth factor A; VEGF-A; Vascular permeability factor; VPF; VEGF165		
Entrez Gene	7422 (Human)		
SwissProt	P15692-4 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQQQH IGEMSFLQHN KCECRPKKDR ARQENPCGPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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