

Product Data Sheet

Recombinant Human Angiopoietin-2 Protein

Catalog #	Source	Reactivity	Applications
CST2241	HEK293	H	
Description	Recombinant Human Angiopoietin-2 Protein is produced by HEK293 expression system and the target gene encoding Leu71-Met490 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	ANGPT2		
Alternative Names	Angiopoietin-2; ANG-2		
Entrez Gene	285		
SwissProt	O15123		
Purity			
Chemical Structure	LEYDDSVQRL QVLENIMENN TQWLMKLENY IQDNMKKEMV EIQQNAVQNNQ TAVMIEIGTN LLNQTAEQTR KLTDVEAQVL NQTTRELEQL LEHSLSTNKL EKQILDQTSE INKLQDKNSF LEKKVLAMED KHIIQLQSIK EEKQDLQVLV SKQNSIIEEL EKKIVTATVN NSVLQKQQHD LMETVNNLLT MMSTSNSAKD PTVAKEEQIS FRDCAEVFKS GHTTNGIYTL TF		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. 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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