



# Recombinant Pig Angiopoietin-2 (ANGPT2)

<b>Product Code</b>	CSB-YP859369PI
<b>Abbreviation</b>	ANGPT2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9BDY7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	YN NFRKSMSTG KRQYQVQHGP CSYTFLLPET DNCRSPSSSY VSNAVQRDAP LDYDDSVRRL QVLENIMENN TQWLMKLESY IQDNMKKEMV EIQQNAVQNNQ TAVMIEIGTN LLNQTAEQTR KLTDVEAQVL NQTTRLELQL LEHSLSTNKL EKQILDQTSE INKLQDKNSF LEKKVLDMED KHIVQLQSIK EEKDQLQVLV SKQNSIIEEL EKQLVTATVN NSVLQKQQHD LMETVHNLIT MISTSNSAKH SLVAKEEQII FRDCAEAFKS GLTTSPTYTL TFPNSTEETK AYCDMETGGG GWTVIQRRED GSVDFQRTWK EYKMGFGSPS GEHWLGNEFV SQVTNQKRYV LKIHRLDWEG NEAYSLYEHF YLSSEEFNYR IHLKGLTGTA GKISSISQPG NDFSTKDADN DKCICKCSQM LTGGWWFDAC GPSNLNGMYYPQRQNTNKFNGIKWYYWKGS GYSLKATTMM IRPADF
<b>Source</b>	Yeast
<b>Target Names</b>	ANGPT2
<b>Protein Names</b>	Recommended name: Angiopoietin-2 Short name= ANG-2
<b>Expression Region</b>	19-496
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

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