



# Recombinant Mouse Angiopoietin-4 (Angpt4)

<b>Product Code</b>	CSB-EP894841MO-B
<b>Abbreviation</b>	Angpt4
<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>	Q9WVH6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	QHRGPEAGG HRQIHQVRRG QCSYTFVVPE PDICQLAPTA APEALGGSNS LQRDLPASRL HLTDWRAQRA QRAQRVSQLE KILENNTQWL LKLEQSIKVN LRSHLVQAQQ DTIQNQTTM LALGANLMNQ TKAQTHKLT AVEAQLNQT HMKTQMLENS LSTNKLERQM LMQSRELQRL QGRNRALETR LQALEAQHQA QLNSLQEKRE QLHSLLGHT GTLANLKHNL HALSSNSSSL QQQQQQLTEF VQRLVRIVAQ DQHPVSLKTP KPVFQDCAEI KRSGVNTSGV YTIYETNMTK PLKVFCDMET DGGGWTLIQH REDGSVNFQR TWEEYKEGFG NVAREHWLGN EAVHRLTSRT AYLLRVELHD WEGRQTSIQY ENFQLGSERQ RYSLSVNDSS SSAGRKNLSLA PQGTFSTKD MDNDNCMCKC AQMLSGGWWF DACGLSNLNG IYYSVHQHLH KINGIRWHYF RGPSYSLHGT RMMLRPMGA
<b>Source</b>	E.coli
<b>Target Names</b>	Angpt4
<b>Protein Names</b>	Recommended name: Angiopoietin-4 Short name= ANG-4 Alternative name(s): Angiopoietin-3 Short name= ANG-3
<b>Expression Region</b>	22-509
<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>	Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. This protein functions as an agonist and is an angiopoietin.
<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

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.