



Recombinant Mouse Angiopoietin-4 (Angpt4)

Product Code	CSB-EP894841MO
Abbreviation	Angpt4
Storage	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.
Uniprot No.	Q9WVH6
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	QHRGPEAGG HRQIHQVRRG QCSYTFVPE PDICQLAPTA APEALGGSNS LQRDLPASRL HLTDWRAQRA QRAQRVSQLE KILENNTQWL LKLEQSIKVN LRSHLVQAQQ DTIQNQTTM LALGANLMNQ TKAQTHKLT AVEAQLNQL 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 PQGTKFSTKD MDNDNCMCKC AQMLSGGWWF DACGLSNLNG IYYSVHQHLH KINGIRWHYF RGPSYSLHGT RMMLRPMGA
Source	E.coli
Target Names	Angpt4
Protein Names	Recommended name: Angiopoietin-4 Short name= ANG-4 Alternative name(s): Angiopoietin-3 Short name= ANG-3
Expression Region	22-509
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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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