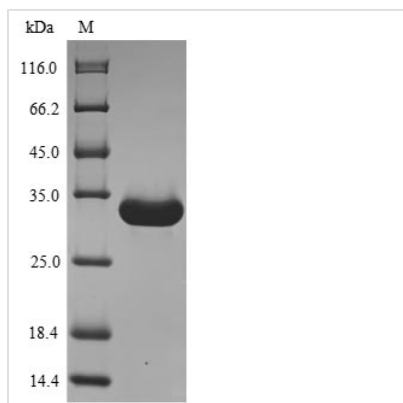




Recombinant Mouse Angiogenin-4 (Ang4)

Product Code	CSB-YP661010MOa4
Relevance	Has bactericidal activity against E.faecalis and L.monocytogenes, but not against L.innocua and E.coli. Promotes angiogenesis (in vitro). Has low ribonuclease activity (in vitro). Promotes proliferation of melanoma cells, but not of endothelial cells or fibroblasts (in vitro)
Abbreviation	Recombinant Mouse Ang4 protein
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.	Q3TMQ6
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QNERYEKFLRQHYDAKPNGRDDRYCESMMKERKLTSPCKDVNTFIHGTTKNI RAICGKKGSPYGENFRISNSPFQITTCTHSGASPRPPCGYRAFKDFRYIYIACE DGWPVHFDESIFSP
Research Area	Cardiovascular
Source	Yeast
Target Names	Ang4
Expression Region	25-144aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-sumostar-tagged
Mol. Weight	29.9 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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

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.