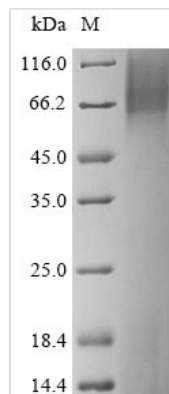




Recombinant Mouse Plexin domain-containing protein 1 (Plxdc1), partial

Product Code	CSB-YP838718MO
Relevance	Plays a critical role in endothelial cell capillary morphogenesis.
Abbreviation	Recombinant Mouse Plxdc1 protein, partial
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.	Q91ZV7
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LSPATPAGHNEGQDSAWTAKRTRQGWSRRPRESPAQVLKPGKTQLSQDLG GGSLAIDTLPDNRTRVVEDNHNYYVSRVYGPGEKQSQDLWVDLAVANRSHVK IHRILSSSHRQASRVVLSFDFFPYGHPLRQITIATGGFIFMGDMLHRMLTATQYV APLMANFNPGYSDNSTVAYFDNGTVFVVQWDHVYLQDREDRGSFTFQAALH RDGRIVFGYKEIPMAVLDISSAQHPVKAGLSDAFMILNSSPEVPASQRRTIFEY HRVELDSSKITTTSAVEFTPLPTCLQHQCSDTCVSSNLTFNCWCHVLQRCSS GFDYRQEWLTYGCAQEAEGKTCEDFQDDSHYSASPDSSFSFNGDSTTSS SLFIDSLTTEDDTKLNPYAEGDGLPDHSSPKSKGPPVHLGT
Research Area	Cardiovascular
Source	Yeast
Target Names	Plxdc1
Protein Names	Tumor endothelial marker 7
Expression Region	20-426aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	47.3 kDa
Protein Length	Partial
Image	



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

Description

The Recombinant Mouse Plxdc1 is an accurate replication of the naturally occurring Plexin domain-containing protein 1. Also identified as Tumor endothelial marker 7, this protein plays a significant role in the area of cardiovascular research. Our aim is to provide a tool that accurately mimics the properties of the native protein, enabling reliable results in your experimental pursuits.

The Recombinant Mouse Plxdc1 captures the extracellular domain of the protein, which includes the amino acids from position 20 to 426, faithfully representing the properties of the native protein. Expressed in a Yeast system, this protein is provided with an N-terminal 6xHis-tag that simplifies protein detection and purification steps. The protein's purity surpasses 90%, as affirmed by SDS-PAGE, ensuring high reliability for your research needs. The product is available in liquid or lyophilized powder form, offering flexibility to suit diverse laboratory protocols.

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.