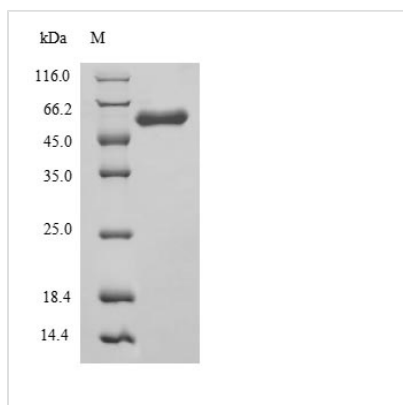




Recombinant Rat Angiopoietin-1 (Angpt1)

Product Code	CSB-YP001706RA
Relevance	Binds and activates TIE2 receptor by inducing its tyrosine phosphorylation. Implicated in endothelial developmental processes later and distinct from that of VEGF. Appears to play a crucial role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. Mediates blood vessel maturation/stability. It may play an important role in the heart early development.
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.	O35460
Product Type	Recombinant Proteins
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SNQRRSPENGGRRYNRIQHGGCAYTFILPEHDGNCRESATEQYNTNALQRDA PHVETDFSSQKLQHLEHVMENYTQWLQKLENYIVENMKSEMAQIQQNAVQNH TATMLEIGTSLLSQTAEQTRKLTDTVETQVLNQTSRLEIQLLNSLSTYELEKQLL QQTNEILKIQEKNSLLEHKILEMEGKHKEELDTLKEEKENLQGLVTRQTFIIQELE KQLSRATSNNSVLQKQQLMDTVHNLVSLCTKEVLLKGGKREEEKPFDRCA DVYQAGFNKSGIYTIYFNNMPEPKKVFNCMDVNEGGWTVIQHREDGSLDFQR GWKEYKMGFGNPSGEYWLGNFIFAITSQRQYMLRIELMDWEGNRAYSQYD RFHIGNQKQNYRLYLKGHTGTAGKQSSLILHGADFSTKADNDNCMCKCALM LTGGWWFDACGPSNLNGMFYTAGQNHGKLNIGIKWHYFKGPSYSLRSTTMMI RPLDF
Research Area	Others
Source	Yeast
Target Names	Angpt1
Protein Names	Recommended name: Angiopoietin-1 Short name= ANG-1
Expression Region	20-497aa
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	57.4kDa
Protein Length	Full Length of Mature Protein
Image	



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

Shelf Life

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