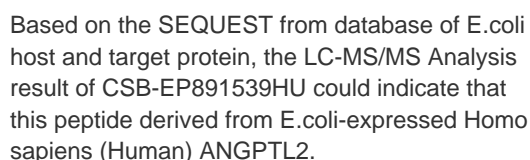
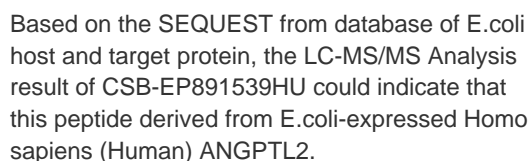
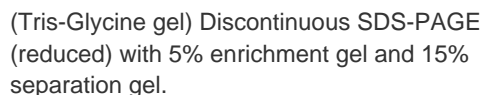




Recombinant Human Angiopoietin-related protein 2 (ANGPTL2)

Product Code	CSB-EP891539HU
Relevance	Induces sprouting in endothelial cells through an autocrine and paracrine action.
Abbreviation	Recombinant Human ANGPTL2 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.	Q9UKU9
Alias	Angiopoietin-like protein 2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QEDGFEGTEEGSPREFIYLNRYKRAGESQDKCTYTFIVPQQRVTGAICVNSKE PEVLLENRVHKQELELLNNELLKQKRQIETLQQLVEVDGGIVSEVKLLRKESRN MNSRVTQLYMQLLHEIRKRDNALELSQLENRILNQTADMLQLASKYKDLEHKY QHLATLAHNQSEIIAQLEEHQCRVPSARPVPQPPPAAPPRVYQPPTYNRIINQI STNEIQSDQNLKVLPPPLPTMPTLTSLPSSTDKPSGPWRDCLQALEDGHDTS IYLVKPENTNRLMQVWCDQRHDPGGWTVIQRRLDGSVNFFRNWETYKQGFG NIDGEYWLGLENIYWLTNQGNYKLLVTMEDWSGRKVFAEYASFRLEPESEYY KLRLGRYHGNAGDSFTWHNGKQFTTLDRDHDVYTGNAHYQKGGWWYNAC AHSNLNGVWYRGGHYRSRYQDGVYWAEFRGGSYSLKKVMMIRPNPNTFH
Research Area	Cardiovascular
Source	E.coli
Target Names	ANGPTL2
Expression Region	23-493aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	70.8kDa
Protein Length	Full Length of Mature Protein
Image	



Amino acids 23-493 constitute the expression domain of recombinant Human ANGPTL2. The calculated molecular weight for this ANGPTL2 protein is 70.8 kDa. This protein is generated in a e.coli-based system. The N-terminal 6xHis-SUMO tag was fused into the coding gene segment of ANGPTL2, making it easier to detect and purify the ANGPTL2 recombinant protein in the later stages of expression and purification.

The human angiopoietin-related protein 2 (ANGPTL2) is a secreted glycoprotein belonging to the angiopoietin-like protein family and plays diverse roles in various physiological and pathological processes. It is involved in inflammation, angiogenesis, and metabolism regulation. ANGPTL2 is secreted from adipose tissue, activated macrophages, and endothelial cells. It contributes to the modulation of immune responses, cell migration, and tissue remodeling. Dysregulation of ANGPTL2 has been associated with chronic inflammatory diseases, cardiovascular disorders, and cancer. Research on ANGPTL2 focuses on understanding its complex roles in different tissues and its potential as a therapeutic target for various diseases related to inflammation and angiogenesis.

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.

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