



# Recombinant Pig Angiopoietin-related protein 4 (ANGPTL4)

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| <b>Product Code</b>      | CSB-YP652704PI  |
| <b>Abbreviation</b>      | ANGPTL4   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | Q2TNK5  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Sus scrofa (Pig)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | QGSPEPP EAPRFASWDE VNVLAHGLLQ LGRGLREHVE RTRGQLGALE<br>RRLSACGAAC KDPEGSVPP LTAGNLVPSQ SDAAPETLHS LQTQLKAQNS<br>KIQLFQKVA QQRHLEKQH LRIQNLQGQL DHLAPMHLGH GVAKAARRKR<br>LPKMTQPAGP AHNISRLHRL PRDCQELFEE GERQSGLFQI QPQGSPFLV<br>NCKMTSDGGW TVIQRQDGS VDFNQPWEAY KDGFGDPKGE<br>FWLGLEKVHR IMGDRGSLA VQLQDWEGNA ESLQFPVHLG GEDTAYSLQL<br>TAPVASKLGA TIDTPSGLSL PFSTWDQDHD LRGDKNCAKI LSGGWVFGTC<br>SHSNLNGQYF HSIPRQREQR KKGIFWKTWR GRYYPLQATT MLIQPTVAEA<br>AS  |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | ANGPTL4   |
| <b>Protein Names</b>     | Recommended name: Angiopoietin-related protein 4 Alternative name(s): Angiopoietin-like protein 4   |
| <b>Expression Region</b> | 24-412  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This gene is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. This gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. The encoded protein is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. The encoded protein may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of |



this protein has been associated with type 2 diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4.

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**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.

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**Shelf Life**

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