

# ANGPTL2 (Human) Recombinant Protein

Catalog # P9391

Size 2 x 10 ug

## Specification

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human ANGPTL2 (Q9UKU9, 22 a.a. - 493 a.a.) partial recombinant protein with His tag at N-terminus expressed in <i>Escherichia coli</i> .                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Sequence</b>             | MGSSHHHHHHSSGLVPRGSHMGQEDGFEGTEEGSPREFMLNRYKRAGESQDKCTYTFIVPQQR<br>VTGAICVNSKEPEVLLLENRVHKQELELLNNELLKQKRQIETLQQLVEVDGGVSEVKLLRKESRNM<br>NSRVTQLYMQLLHEIIRKRDNALELSQLENRILNQADMLQLASKYKDLEHKYQHLATLAHNQSEIIA<br>QLEEHQCQRVPSARPVPQPPAAPPVYQPPPTYNRIINQISTNEIQSDQNLKVLPPPLPTMPTLTSLP<br>SSTDKPSGPWRDCLQALEDGHDTSIYLVKPENTNRLMQVWCDQRHDPGGWTVIQRRLDGSVN<br>FFRNWETYKQGFGNIDGEYWLGLENIYWL TNQGNKLLVTMEDWSGRKVFAEYASFRLEPESEYY<br>KLRLGRYHGNAGDSFTWHNGKQFTTLDRDHDVYTGNAHYQKGGWWYNACAHSNLNGVWYRG<br>GHYRSRYQDGVYWAEFRGGSYSLLKKVMMIRPNPNTFH |
| <b>Host</b>                 | <i>Escherichia coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Theoretical MW (kDa)</b> | 57.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>                 | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Preparation Method</b>   | <i>Escherichia coli</i> expression system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>               | > 85.0% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Recommend Usage</b>      | Biological Activity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>       | In 20mM Tris-HCl pH 7-8 (10% glycerol)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Instruction</b>  | Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                        |

## Applications

- SDS-PAGE

## Gene Info — ANGPTL2

**Entrez GeneID** [23452](#)**Protein Accession#** [Q9UKU9](#)**Gene Name** ANGPTL2**Gene Alias** ARP2, HARP, MGC8889**Gene Description** angiopoietin-like 2**Omim ID** [605001](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. ANGPTL2 protein is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action. [provided by RefSeq]

**Other Designations** OTTHUMP00000022159|angiopoietin-related protein 2