

## Recombinant Human ANGPTL7 Protein, His-tagged

**Cat. No.** ANGPTL7-092H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Recombinant human ANGPTL7 protein with His tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 346                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Enables identical protein binding activity. Involved in negative regulation of vasculature development involved in avascular cornea development in camera-type eye and regulation of extracellular matrix organization. Located in extracellular region.                                                                                                                         |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 39 kDa                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MLKKPLSAVTWLCIFIVAFVSHPAWLQKLSKHKTPAQPQLKAANCCEEVKELKAQVA<br>NLSSLLSELNKKQERDWSVVMQVMELESNSKRMESRLTDAESKYSEMNNQIDIMQ<br>LQAAQTVTQTSADAIYDCSSLYQKNYRISGVYKLPPDDFLGSPELEVFCDMETSGGG<br>WTIIQRRKSGLVSFYRDWKQYKQGFGSIRGDFWLGNELHRLSRQPTRLRVEMED<br>WEGNLRYAEYSHFVLGNELNSYRLFLGNYTGNVGNDALQYHNNTAFSTKDKDNDN<br>CLDKCAQLRKGGYWYNCCTDSNLNGVYYRLGEHNKHLDGITWYGWHGSTYSLKR<br>VEMKIRPEDFKP |
| <b>Purity</b>           | > 98%                                                                                                                                                                                                                                                                                                                                                                            |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | WB; ELISA; FACS; FC                                                                                                                                                                                                                                                         |
| <b>Stability</b>      | This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.                                                                      |
| <b>Storage</b>        | At -20 centigrade.                                                                                                                                                                                                                                                          |
| <b>Concentration</b>  | 1 mg/mL                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b> | PBS (pH 7.4-7.5). Sterile-filtered colorless solution.                                                                                                                                                                                                                      |
| <b>Reconstitution</b> | Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ANGPTL7 angiotensin-like 7 [ Homo sapiens (human) ]                                                                                                                                                |
| <b>Official Symbol</b> | ANGPTL7                                                                                                                                                                                            |
| <b>Synonyms</b>        | ANGPTL7; angiotensin-like 7; angiotensin-related protein 7; AngX; CDT6; angiotensin-like protein 7; angiotensin-like factor (CDT6); cornea-derived transcript 6 protein; dJ647M16.1; RP4-647M16.2; |
| <b>Gene ID</b>         | 10218                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_021146                                                                                                                                                                                          |

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|----------------|-----------|
| Protein Refseq | NP_066969 |
| MIM            | 618517    |
| UniProt ID     | O43827    |

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