

## Recombinant Human ANGPTL7(Gln27-Pro346) Protein, C-10\*His-Avi-tagged, Biotinylated

**Cat. No.** ANGPTL7-163H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ANGPTL7(O43827)(Gln27-Pro346) Protein, fused with a 10*His, Avi tag at the C-terminus, was produced in HEK293. The purified protein was biotinylated in vitro. |
| <b>Species</b>          | Human                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                           |
| <b>ProteinLength</b>    | 27-346 a.a.                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant Human ANGPTL7 Protein has a predicted molecular mass of 40.2kDa, it migrates with an apparent molecular mass of s 36&50-55kDa under reducing conditions.         |
| <b>AA Sequence</b>      | Gln27-Pro346                                                                                                                                                                     |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein as determined by the LAL method.                                                                                                                 |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                             |
| <b>Characteristic</b>   | The biotin to protein ratio is 0.5-1 as determined by the HABA assay.                                                                                                            |

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|                       |                                                                                                                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.              |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                               |
| <b>Shipping</b>       | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.<br>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |
| <b>Conjugation</b>    | Biotin                                                                                                                                                                                                                                                       |

## GENE INFORMATION

|                        |                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ANGPTL7 angiopoietin-like 7 [ Homo sapiens ]                                                                                                                                                           |
| <b>Official Symbol</b> | ANGPTL7                                                                                                                                                                                                |
| <b>Synonyms</b>        | ANGPTL7; angiopoietin-like 7; angiopoietin-related protein 7; AngX; CDT6; angiopoietin-like protein 7; angiopoietin-like factor (CDT6); cornea-derived transcript 6 protein; dJ647M16.1; RP4-647M16.2; |
| <b>Gene ID</b>         | 10218                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_021146                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_066969                                                                                                                                                                                              |
| <b>UniProt ID</b>      | O43827                                                                                                                                                                                                 |

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