

# Recombinant Human ANGPTL3 Protein (Met1-Glu460), His-tagged

**Cat. No.** ANGPTL3-432H    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human ANGPTL3 Protein (NP_055310.1) (Met1-Glu460) was produced by Baculovirus-Insect Cells expression system. This protein was expressed with a polyhistidine tag at the C-terminus. |
| <b>Species</b>              | Human                                                                                                                                                                                            |
| <b>Source</b>               | Insect Cells                                                                                                                                                                                     |
| <b>ProteinLength</b>        | Met1-Glu460                                                                                                                                                                                      |
| <b>Predicted N Terminal</b> | Ser 17                                                                                                                                                                                           |
| <b>Form</b>                 | Lyophilized from sterile 50 mM PB, 150 mM NaCl, pH 7.5, 0.1 % CHAPS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                    |
| <b>Molecular Mass</b>       | The recombinant human ANGPTL3 consists of 455 amino acids and predicts a molecular mass of 53.3 kDa.                                                                                             |
| <b>Endotoxin</b>            | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                         |
| <b>Purity</b>               | > 95 % as determined by SDS-PAGE.                                                                                                                                                                |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70 centigrade.                                                                                                               |

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|                       |                                                                                                                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store it under sterile conditions at -20 centigrade to -80 centigrade. 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 0.2 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. |

## GENE INFORMATION

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ANGPTL3 angiotensin-like 3 [ Homo sapiens ]                                                      |
| <b>Official Symbol</b> | ANGPTL3                                                                                          |
| <b>Synonyms</b>        | ANGPTL3; angiotensin-like 3; ANGPT5; angiotensin-related protein 3; angiotensin 5; ANG-5; FHBL2; |
| <b>Gene ID</b>         | 27329                                                                                            |
| <b>mRNA Refseq</b>     | NM_014495                                                                                        |
| <b>Protein Refseq</b>  | NP_055310                                                                                        |
| <b>MIM</b>             | 604774                                                                                           |
| <b>UniProt ID</b>      | Q9Y5C1                                                                                           |

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