

PRODUCT INFORMATION

Target ANGPTL7

Synonyms AngX;CDT6;dJ647M16.1

Recombinant Human ANGPTL7 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** O43827 **Expression Host HEK293**

Tag C-6×His Tag

Molecular Characterization

Background

ANGPTL7(Gln27-Pro346) 6×His tag

The protein has a predicted molecular mass of **Molecular Weight**

37.9 kDa after removal of the signal peptide. The apparent molecular mass of ANGPTL7-His is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Has a role in the formation and organization of the extracellular matrix. In the eye, it functions as a mediator of dexamethasone-induced matrix deposition in the trabecular meshwork, the tissue responsible for the outflow of the ocular aqueous humor and for the maintenance of intraocular pressure (PubMed:21199193). Is a negative

regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity

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and transparency (PubMed:25622036).[UniProtKB/Swiss-Prot

Function]

Research use only Usage





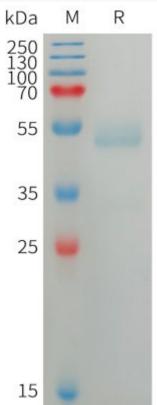


Figure 1. Human ANGPTL7 Protein, His Tag on SDS-PAGE under reducing condition.

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