

# Recombinant Human Angiopoietin-like 7/ANGPTL7 (27-346) Protein



RPCB0320

## Product Information

**Product SKU:** RPCB0320      **Gene ID:** 10218      **Size:** 10µg  
**Tag:** C-His      **Reactivity:** Human

## Additional Information

**Expression Host:** HEK293 cells      **Swissprot:** O43827  
**Purity:** > 95% by SDS-PAGE.

## Protein Information

**Background:** Angiopoietin-like 7 (ANGPTL7), also known as Corneal-Derived Transcript 6 (CDT6), is a secreted glycoprotein that is structurally related to the angiopoietins. ANGPTL7 is expressed in the corneal stroma, trabecular meshwork, and sclera and is elevated in glaucoma aqueous humor. Its production is up regulated in trabecular meshwork cells by glucocorticoids and TGF-beta and in cartilage by TNF-alpha. Overexpression of ANGPTL7 in trabecular meshwork cells inhibits the production of collagen and proteoglycans. When overexpressed in tumor cells it promotes collagen and proteoglycan deposition but inhibits tumor xenograft progression and tumor angiogenesis.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Angiopoietin-like 7/ANGPTL7(27-346) Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 0.1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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