



[Go to Product page](#)

Datasheet for ABIN7534253
ANGPTL7 Protein (His tag)

Overview

Quantity:	100 µg
Target:	ANGPTL7
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ANGPTL7 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human Angiopoietin-like 7/ANGPTL7 Protein
Sequence:	QKLSKHKTPA QPQLKAANCC EEVKELKAQV ANLSSLLSEL NKKQERDWVS VVMQVMELES NSKRME SRLT DAESKYSEM N NQIDIMQLQA AQT V T Q T S A D A I Y D C S S L Y Q K N Y R I S G V Y K L P P D D F L G S P E L E V F C D M E T S G G G W T I I Q R R K S G L V S F Y R D W K Q Y K Q G F G S I R G D F W L G N E H I H R L S R Q P T R L R V E M E D W E G N L R Y A E Y S H F V L G N E L N S Y R L F L G N Y T G N V G N D A L Q Y H N N T A F S T K D K D N D N C L D K C A Q L R K G G Y W Y N C C T D S N L N G V Y Y R L G E H N K H L D G I T W Y G W H G S T Y S L K R V E M K I R P E D F K P
Specificity:	Gln27-Pro346
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human

Product Details

ANGPTL7 at 5 µg/mL (100 µL/well) can bind Recombinant Human LILRB4 with a linear range of 0.5-3.5 µg/mL.

Target Details

Target:	ANGPTL7
Alternative Name:	Angiotensin-like 7/ANGPTL7 (ANGPTL7 Products)
Background:	<p>Description: Angiotensin-like 7 (ANGPTL7), also known as Corneal-Derived Transcript 6 (CDT6), is a secreted glycoprotein that is structurally related to the angiotensins. 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.</p> <p>Name: ANGPTL7,AngX,CDT6,dJ647M16.1</p>
Gene ID:	10218
UniProt:	O43827

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.