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Datasheet for ABIN5608331
ANGPTL7 Protein (partial) (His tag)

Overview

Quantity:	100 µg
Target:	ANGPTL7
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ANGPTL7 protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA

Product Details

Sequence:	Gln 27 - Pro 346
Purity:	>85 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per µg by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human ANGPTL7, His Tag at 5 µg/mL (100 µL/well) can bind Human LILRB4, Fc Tag with a linear range of 0.031-0.5 µg/mL (Routinely tested).

Target Details

Target:	ANGPTL7
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Target Details

Alternative Name: [ANGPTL7 \(ANGPTL7 Products\)](#)

Background: Angiotensin-like 7 (ANGPTL7) is also known as Corneal-Derived Transcript 6 (CDT6), and is a secreted glycoprotein that is structurally related to the angiotensins. It is expressed in the corneal stroma, trabecular meshwork, and sclera and is elevated in glaucoma aqueous humor. Recently, ANGPTL proteins, including ANGPTL-2, -3, -4, -5 and -7, are identified as growth factors in combination with SCF, Thrombopoietin, IGF-II and FGF acidic that enhance the expansion and engraftment of human and mouse hematopoietic stem cells.

Molecular Weight: 39 kDa

Gene ID: 10218

NCBI Accession: [NP_066969](#)

Application Details

Application Notes: This recombinant protein can be used for E, WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C,-80 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.
