

Datasheet for ABIN7319904

ANGPTL7 Protein (Biotin,His-Avi Tag)

1 Image



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Overview

Quantity:	100 µg
Target:	ANGPTL7
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL7 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Recombinant Human Angiotensin-related Protein 7/ANGPTL7 (C-10His-Avi) Biotinylated
Sequence:	Gln27-Pro346
Characteristics:	Biotinylated Recombinant Human Angiotensin-related Protein 7 is produced by our Mammalian expression system and the target gene encoding Gln27-Pro346 is expressed with a 10His, Avi tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ANGPTL7
Alternative Name:	Angiotensin-related protein 7 (ANGPTL7 Products)
Background:	Background: Angiotensin-like 7 (ANGPTL7) is a secreted glycoprotein that is structurally related to the angiotensins. Members of this protein family contain an N-terminal coiled coil

Target Details

domain and a C-terminal fibrinogen-like domain. ANGPTL7 shares 89 % aa sequence identity with mouse and rat ANGPTL7. It is secreted as a 45-50 kDa monomer that forms disulfide-linked homotrimers and tetramers via the coiled coil domain. 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- β and in cartilage by TNF- α . 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.

Synonym: Angiopoietin-related protein 7, Angiopoietin-like factor, Angiopoietin-like protein 7, Cornea-derived transcript 6 protein, ANGPTL7, CDT6

Molecular Weight: 40.2 kDa

UniProt: [O43827](#)

Application Details

Comment: 36&50-55 kDa

Restrictions: For Research Use only

Handling

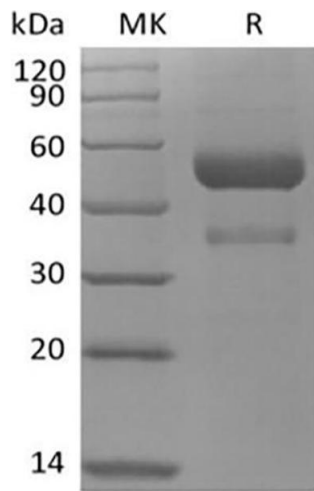
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.