

Datasheet for ABIN7596322

ANGPTL7 Protein (AA 27-346) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	ANGPTL7
Protein Characteristics:	AA 27-346
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL7 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QKLSKHKTPA QPQLKAANCC EEVKELKAQV ANLSSLLSEL NKKQERDWVS VVMQVMELES NSKRME SRLT DAESKYSEM NQIDIMQLQA AQTVTQTSAD AIYDCSSLYQ KNYRISGVYK LPPDDFLGSP ELEVFCDMET SGGGWTIIQR RKSGLVSFYR DWKQYKQGGF SIRGDFWLGN EHIHRLSRQP TRLRVEMEDW EGNLRYAEYS HFVLGNELNS YRLFLGNYTG NVGN DALQYH NNTAFSTKDK DNDNCLDKCA QLRKGGYWYN CCTDSNLNGV YYRLGEHNKH LDGITWYGWH GSTYSLKRVE MKIRPEDFKP
Purity:	> 90% by SDS - PAGE
Endotoxin Level:	< 1 EU per 1µg of protein (determined by LAL method)

Target Details

Target:	ANGPTL7
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Target Details

Alternative Name:	Angiopoietin-like 7/ANGPTL7 (ANGPTL7 Products)
Background:	Angiopoietin-like 7, also known as Angiopoietin-related protein 7, is a member of angiopoietin-like (ANGPTL) family. Angiopoietin-like 7 have been shown to be involved in blood vessel formation or neovascularization in several models. When overexpressed in tumor cells it promotes collagen and proteoglycan deposition but inhibits tumor xenograft progression and tumor angiogenesis. It is also expressed in the corneal stroma, trabecular meshwork, and sclera and is elevated in glaucoma aqueous humor. Overexpression of ANGPTL7 increases collagen expression. Thus, it could have a pathogenic role in glaucoma, and may serve as a potential therapeutic target. Recombinant human Angiopoietin-like 7, fused to hlgG-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Molecular Weight:	63.2kDa (553aa)
NCBI Accession:	NP_066969

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.