

Datasheet for ABIN5526615

ANGPTL7 Protein (AA 27-346) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	ANGPTL7
Protein Characteristics:	AA 27-346
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

Sequence:	AA 27-346
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 39 kDa. The protein migrates as 38-40 kDa and 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>85 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	ANGPTL7
Alternative Name:	ANGPTL7 (ANGPTL7 Products)

Target Details

Background: Angiopoietin-like 7 (ANGPTL7) is also known as Corneal-Derived Transcript 6 (CDT6), and is a secreted glycoprotein that is structurally related to the angiopoietins. 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: 39.0 kDa

NCBI Accession: [NP_066969](#)

Application Details

Restrictions: For Research Use only

Handling

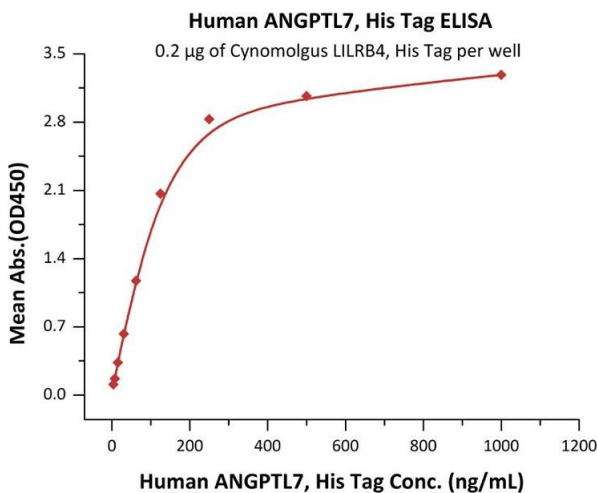
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

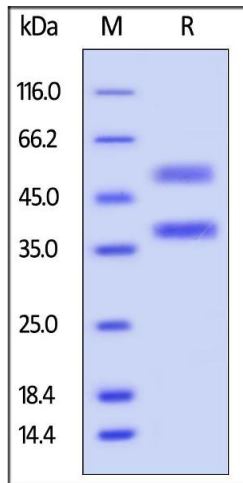
Storage: -20 °C

Images



ELISA

Image 1. Immobilized Cynomolgus LILRB4, His Tag (ABIN5526663, ABIN6809991) at 2 µg/mL (100 µL/well) can bind Human ANGPTL7, His Tag (ABIN5526615, ABIN6809995) with a linear range of 8-125 ng/mL (QC tested).



SDS-PAGE

Image 2. Human ANGPTL7, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 85 % .