

Datasheet for ABIN7319846

Afamin Protein (AFM) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Afamin (AFM)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Afamin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Afamin/AFM (C-6His)
Sequence:	Leu22-Asn599
Characteristics:	Recombinant Human Afamin is produced by our Mammalian expression system and the target gene encoding Leu22-Asn599 is expressed with a 6His 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:	Afamin (AFM)
Alternative Name:	Afamin/AFM (AFM Products)
Background:	Background: Afamin also known as Alpha -Albumin is a secreted monomeric glycoprotein of the Alb/Albumin family of molecules. AFM is known to bind and transport vitamin E family molecules, playing an important role for transporting at the blood-brain-barrier. Afamin has

Target Details

been shown to act as extracellular chaperone for poorly soluble, acylated Wnt proteins, forming a stable, soluble complex with functioning Wnt proteins. AFM also serves as an osteoclast-derived chemoattractant for preosteoblasts, providing a rationale for the observation that bone formation often follows bone resorption. The importance of Afamin in transport of molecules has led to a suggested diagnostic role in various diseases, including pre-eclampsia, ovarian cancer, and both gestational and type-2 diabetes.

Synonym: Afamin, AFM, ALB2, ALB2alpha-Alb, ALBA, ALBAalpha-albumin, ALF, Alpha-Alb, Alpha-albumin

Molecular Weight: 67.6 kDa

UniProt: [P43652](#)

Application Details

Restrictions: For Research Use only

Handling

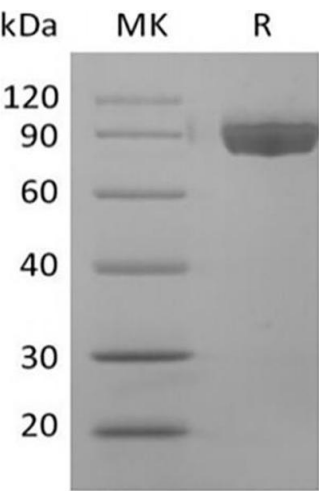
Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm 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.