

## Product datasheet for **TP727911**

### AFM Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Afamin (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu22-Asn599
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	173
UniProt ID:	<a href="#">P43652</a>
Summary:	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 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 rational 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.



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