



[Go to Product page](#)

Datasheet for ABIN1096645

## FETUB Protein (AA 16-382) (His tag)

### Overview

Quantity:	50 µg
Target:	FETUB
Protein Characteristics:	AA 16-382
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FETUB protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Fetuin-B/FETUB (C-6His)
Sequence:	CGAMSPPQLA LNPSALLSRG CNDSVDLAVA GFALRDINKD RKDGYVLRN RVNDAQEYRR GGLGSLFYLT LDVLETCHV LRKAWQDCG MRIFVESVYG QCKAIFYMNN PSRVLYLAAY NCTLRPVSKK KIYMTCPDCP SSIPTDSSNH QVLEAATESL AKYNNENTSK QYSLFKVTRA SSQWVGPSY FVEYLIKESP CTKSQASSCS LQSSDSVPVG LCKGSLTRTH WEKFVSVTCD FFESQAPATG SENSANQKP TNLPKVEESQ QKNTPTDSP SKAGPRGSVQ YLPDLDDKNS QKGPQEAFF VHLDTTNPQ GETLDISFLF LPMEEKLVV LPFPKEKART AECGPQAQNA SPLVLPPVDH HHHHH
Characteristics:	Recombinant Human Fetuin-B is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Cys16-Pro382) of Human FETUB fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	FETUB
Alternative Name:	fetuin-b ( <a href="#">FETUB Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Fetuin-B is a member of the Fetuin family that is part of the Cystatin superfamily of Cysteine Protease inhibitors. It is reported that Fetuin-B is highly expressed in liver tissue, in tongue and placenta tissues. Fetuin-B is a paralogue of Fetuin-A. Fetuin-A and Fetuin-B display similarities and differences in their characteristics, however, they share only 20% amino acid sequence identity. The amounts of Fetuin-B in human serum, unlike Fetuin-A, vary with gender and are higher in females than in males. Fetuin-B is an inhibitor of basic calcium phosphate precipitation but is less active than Fetuin-A. Fetuin-B expression is decreased in Fetuin-A deficient knock-out mice. The expression of Fetuin-B has been shown to be regulated by FXR (Farnesoid X Receptor), a nuclear receptor activated by bile acids. Evidence has shown that overexpression of Fetuin-B in skin squamous carcinoma cells suppresses tumor growth in nude mice. The function of Fetuin B is still not fully characterized.</p> <p>Alternative Names: Fetuin-B, 16G2, Fetuin-Like Protein IRL685, Gugu, FETUB</p>
Molecular Weight:	41.53 kDa
UniProt:	<a href="#">Q9UGM5</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

## Handling

---

Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months