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Datasheet for ABIN7318470

FETUB Protein (His tag)



Overview

Quantity:	50 μg
Target:	FETUB
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 Protein (His Tag)
Sequence:	Cys16-Pro382
Characteristics:	Recombinant Human Fetuin B is produced by our Mammalian expression system and the target gene encoding Cys16-Pro382 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:	FETUB
Alternative Name:	Fetuin-B/FETUB (FETUB Products)
Background:	Background: 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.

Synonym: Fetuin-B, 16G2, Fetuin-Like Protein IRL685, Gugu, FETUB

Molecular Weight:

41.5 kDa

UniProt:

Q9UGM5

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 20 mM PB, 150 mM NaCl, pH 7.2.
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.