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Datasheet for ABIN7538235
FCN1 Protein (AA 30-326) (His tag)

Overview

Quantity:	50 µg
Target:	FCN1
Protein Characteristics:	AA 30-326
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCN1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human FCN1 Protein with C-terminal 6xHis tag
Specificity:	FCN1 (Ala30-Ala326) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FCN1
Alternative Name:	FCN1 (FCN1 Products)
Background:	The ficolin family of proteins are characterized by the presence of a leader peptide, a short N-

Target Details

terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain. The collagen-like and the fibrinogen-like domains are also found separately in other proteins such as complement protein C1q, C-type lectins known as collectins, and tenascins. However, all these proteins recognize different targets, and are functionally distinct. Ficolin 1 encoded by FCN1 is predominantly expressed in the peripheral blood leukocytes, and has been postulated to function as a plasma protein with elastin-binding activity. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 32.8 kDa after removal of the signal peptide. The apparent molecular mass of FCN1-His is 25-35 kDa due to glycosylation.

UniProt: [O00602](#)

Pathways: [Complement System](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months