PRODUCT INFORMATION

Target	FCN1
Synonyms	FCNM
Description	Recombinant human FCN1 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O00602
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	FCN1(Ala30-Ala326) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 32.8 kDa after removal of the signal peptide. The apparent molecular mass of FCN1-His is approximately 25-35 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	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.
Background	The ficolin family of proteins are characterized by the presence of a leader peptide, a short N-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]
Usage	Research use only
Conjugate	Unconjugated

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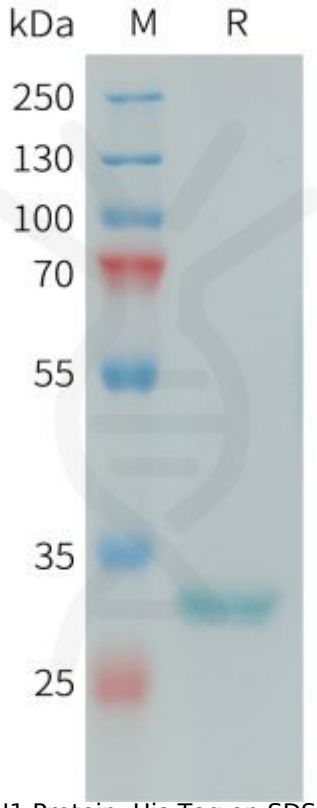


Figure 1. Human FCN1 Protein, His Tag on SDS-PAGE under reducing condition.

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