

Recombinant Human FCN1 Protein (Ala30-Ala326), His tagged

Cat. No. FCN1-3016H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FCN1 (Ala30-Ala326) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala30-Ala326
Description	Extracellular lectin functioning as a pattern-recognition receptor in innate immunity. Binds the sugar moieties of pathogen-associated molecular patterns (PAMPs) displayed on microbes and activates the lectin pathway of the complement system. May also activate monocytes through a G protein-coupled receptor, FFAR2, inducing the secretion of interleukin-8/IL-8. Binds preferentially to 9-O-acetylated 2-6-linked sialic acid derivatives and to various glycans containing sialic acid engaged in a 2-3 linkage.
Molecular Mass	33.67 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	FCN1 ficolin (collagen/fibrinogen domain containing) 1 [Homo sapiens (human)]
Official Symbol	FCN1
Synonyms	FCN1; ficolin (collagen/fibrinogen domain containing) 1; ficolin-1; FCNM; M-ficolin; ficolin-A; ficolin-alpha; collagen/fibrinogen domain-containing protein 1; ficolin (collagen/fibrinogen domain-containing) 1;
Gene ID	2219
mRNA Refseq	NM_002003
Protein Refseq	NP_001994
MIM	601252
UniProt ID	O00602

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