

Datasheet for ABIN7504333
FCN1 Protein (AA 30-326) (His tag)



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Overview

Quantity:	100 µg
Target:	FCN1
Protein Characteristics:	AA 30-326
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCN1 protein is labelled with His tag.

Product Details

Purpose:	Human ficolin 1/FCN1 Protein
Sequence:	Ala30-Ala326
Characteristics:	Recombinant Human ficolin 1/FCN1 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ala30-Ala326.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FCN1
Alternative Name:	ficolin 1 (FCN1 Products)

Target Details

Background:	The ficolins are members of a recently discovered family of host innate opsonins that can activate the lectin pathway of complement. The ficolins bind many ligands, although they are typically described as binding acetylated sugars. Ficolin-1 is the least-described of the Ficolins and is expressed by monocytes, granulocytes, and in the lungs. Ficolin-1 is found circulating at low concentrations in serum but is regarded primarily as a secretory molecule that exerts its function locally in inflamed tissues.
Molecular Weight:	33.11 kDa. Due to glycosylation, the protein migrates to 34-38 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_001994
Pathways:	Complement System

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS, 350 mM NaCl, 200 mM Arginine (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months