

Recombinant Human FCN3 Protein, GST-tagged

Cat. No. FCN3-4004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FCN3 full-length ORF (AAH20731, 1 a.a. - 288 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Ficolins are a group of proteins which consist of a collagen-like domain and a fibrinogen-like domain. In human serum, there are two types of ficolins, both of which have lectin activity. The protein encoded by this gene is a thermolabile beta-2-macroglycoprotein found in all human serum and is a member of the ficolin/opsonin p35 lectin family. The protein, which was initially identified based on its reactivity with sera from patients with systemic lupus erythematosus, has been shown to have a calcium-independent lectin activity. The protein can activate the complement pathway in association with MASPs and sMAP, thereby aiding in host defense through the activation of the lectin pathway. Alternative splicing occurs at this locus and two variants, each encoding a distinct isoform, have been identified. [provided by RefSeq, Jul 2008]
Molecular Mass	57.42 kDa
AA Sequence	MDLLWILPSLWLLLLGGPACLKTQEHPSCPGPRELEASKVVLLPSCPGAPGSPGEK GAPGPQGP PGPPGKMGPKGEPGRNCRELLSQGATLSGWYHLCLPEGRALPVFC DMDTEGGGWLVFQRRQDGSVDFFRSWSSYRAGFGNQESEFWLGNENLHQLTLQ

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GNWELRVELEDFNGNRTFAHYATFRLLGEVDHYQLALGKFSEGTAGDSLHSGRP
LTTYDADHDSSNSNCAVIVHGAWWYASCYRSNLNGRYAVSEAAAHKYGIDWASGR
GVGHPYRRVRMMLR

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FCN3 ficolin (collagen/fibrinogen domain containing) 3 (Hakata antigen) [Homo sapiens]

Official Symbol

FCN3

Synonyms

FCN3; ficolin (collagen/fibrinogen domain containing) 3 (Hakata antigen); ficolin-3; FCNH; HAKA1; H-ficolin; ficolin 3; collagen/fibrinogen domain-containing protein 3; collagen/fibrinogen domain-containing lectin 3 p35; MGC22543;

Gene ID

8547

mRNA Refseq

NM_003665

Protein Refseq

NP_003656

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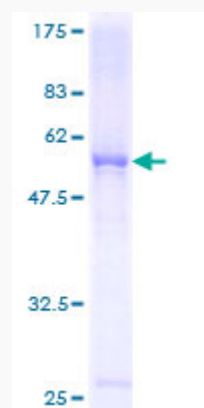
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MIM 604973

UniProt ID O75636

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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