Ficolin-3 (FCN3) Recombinant Protein | FCN3 recombinant protein

Recombinant Human Ficolin-3 (FCN3)

CATALOG #	HOST
AAA115459	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Ficolin-3 (FCN3); Recombinant Human Ficolin-3 (FCN3); FCN3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	24-299; Full Length of Mature Protein
Sequence	QEHPSCPGPR ELEASKVVLL PSCPGAPGSP GEKGAPGPQG PPGPPGKMGP KGEPGDPVNL LRCQEGPRNC RELLSQGATL SGWYHLCLPE GRALPVFCDM DTEGGGWLVF QRRQDGSVDF FRSWSSYRAG FGNQESEFWL GNENLHQLTL QGNWELRVEL EDFNGNRTFA HYATFRLLGE VDHYQLALGK FSEGTAGDSL SLHSGRPFTT YDADHDSSNS NCAVIVHGAW WYASCYRSNL NGRYAVSEAA AHKYGIDWAS GRGVGHPYRR VRMMLR
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FCN3 recombinant protein	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. This protein 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27754776
NCBI GeneID	8547
NCBI Accession #	NP_003656.2
NCBI GenBank Nucleotide #	NM_003665.3
UniProt Accession #	O75636; Q6IBJ5; Q8WW86
Molecular Weight	31,678 Da
NCBI Official Full Name	ficolin-3 isoform 1
NCBI Official Synonym Full Names	ficolin 3

NCBI Official Symbol	FCN3
NCBI Official Synonym Symbols	FCNH; HAKA1
NCBI Protein Information	ficolin-3
UniProt Protein Name	Ficolin-3
UniProt Gene Name	**FCN3**
UniProt Synonym Gene Names	FCNH; HAKA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/fcn3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115459