Complement Factor I (CFI) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Complement factor I (CFI), Recombinant Protein
Full Product Name	Recombinant Human Complement factor I (CFI), partial
Product Gene Name	CFI recombinant protein
Product Synonym Gene Name	IF
Product Synonym Names	Recombinant Human Complement factor I (CFI) (His tagged); Complement factor I; EC=3.4.21.45; C3B/C4B inactivator
Sequence	KACDGINDCG DQSDELCCKA CQGKGFHCKS GVCIPSQYQC NGEVDCITGE DEVGCAGFAS VTQEETEILT ADMDAERR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C. For extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	65,750 Da
Sequence Positions	239-316aa; Partial
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
Chromosome Location	Chromosome: 4; NC_000004.11 (110661848..110723335, complement). Location: 4q25
OMIM	217030
3D Structure	ModBase 3D Structure for P05156
Species	Homo sapiens (Human)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CFI recombinant protein	MBS954567 is a recombinant protein targeting CFI. Also known as Recombinant Human Complement factor I (CFI), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CFI recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CFI. It may not necessarily be applicable to this product.

NCBI GI #	119392081
NCBI GeneID	3426
NCBI Accession #	NP_000195.2

UniProt Primary Accession #	P05156
UniProt Secondary Accession #	O60442
UniProt Related Accession #	P05156
GenBank Nucleotide #	NM_000204.3
NCBI Official Full Name	complement factor I preproprotein
NCBI Official Synonym Full Names	complement factor I
NCBI Official Symbol	CFI
NCBI Official Synonym Symbols	FI; IF; KAF; AHUS3; C3BINA; C3b-INA
UniProt Protein Name	Complement factor I
UniProt Synonym Protein Names	C3B/C4B inactivator
Protein Family	Complement factor
UniProt Gene Name	CFI
UniProt Synonym Gene Names	IF
UniProt Entry Name	CFAI_HUMAN
NCBI Protein Information	complement factor I; C3b-inactivator; C3B/C4B inactivator; complement component I; light chain of factor I; Konglutinogen-activating factor; complement factor I heavy chain; complement control protein factor I
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