

CFHR4 Protein, Human (HEK293, His)

Cat. No.:	HY-P72690
Synonyms:	Complement factor H-related protein 4; FHR-4; CFHR4; CFHL4
Species:	Human
Source:	HEK293
Accession:	Q92496 (E20-E578)
Gene ID:	10877
Molecular Weight:	90-110 kDa

PROPERTIES

AA Sequence	<pre> E V K P C D F P E I Q H G G L Y Y K S L R R L Y F P A A A G Q S Y S Y Y C D Q N F V T P S G S Y W D Y I H C T Q D G W S P T V P C L R T C S K S D V E I E N G F I S E S S S I Y I L N E E T Q Y N C K P G Y A T A E G N S S G S I T C L Q N G W S T Q P I C I K F C D M P V F E N S R A K S N G M W F K L H D T L D Y E C Y D G Y E S S Y G N T T D S I V C G E D G W S H L P T C Y N S S E N C G P P P P I S N G D T T S F P Q K V Y L P W S R V E Y Q C Q S Y Y E L Q G S K Y V T C S N G D W S E P P R C I S M K P C E F P E I Q H G H L Y Y E N T R R P Y F P V A T G Q S Y S Y Y C D Q N F V T P S G S Y W D Y I H C T Q D G W L P T V P C L R T C S K S D I E I E N G F I S E S S S I Y I L N K E I Q Y K C K P G Y A T A D G N S S G S I T C L Q N G W S A Q P I C I K F C D M P V F E N S R A K S N G M R F K L H D T L D Y E C Y D G Y E I S Y G N T T G S I V C G E D G W S H F P T C Y N S S E K C G P P P P I S N G D T T S F L L K V Y V P Q S R V E Y Q C Q S Y Y E L Q G S N Y V T C S N G E W S E P P R C I H P C I I T E E N M N K N N I Q L K G K S D I K Y Y A K T G D T I E F M C K L G Y N A N T S V L S F Q A V C R E G I V E Y P R C E </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

CFHR4, a pivotal player in complement regulation, contributes to the intricate orchestration of the complement system. It exhibits the ability to associate with lipoproteins, hinting at a potential involvement in lipid metabolism. As part of its functional repertoire, CFHR4 operates as a homodimer, emphasizing its role in maintaining the delicate balance of complement activation and regulation.

Caution: Product has not been fully validated for medical applications. For research use only.

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