Complement factor H/CFH Protein, Human (431a.a, HEK293, His)

Cat. No.:	HY-P7890
Synonyms:	rHuComplement factor H/CFH, His; Complement factor H; CFH
Species:	Human
Source:	HEK293
Accession:	P08603-2 (E19-L449)
Gene ID:	3075
Molecular Weight:	Approximately 50.0 kDa

PROPERTIES

AA Sequence	E D C N E L P P R R N T E I L T G S W S D Q T Y P E G T Q A I Y K C R P G Y R S L G N V I M V C R K G E W V A L N P L R K C Q K R P C G H P G D T P F G T F T L T G G N V F E Y G V K A V Y T C N E G Y Q L L G E I N Y R E C D T D G W T N D I P I C E V V K C L P V T A P E N G K I V S S A M E P D R E Y H F G Q A V R F V C N S G Y K I E G D E E M H C S D D G F W S K E K P K C V E I S C K S P D V I N G S P I S Q K I I Y K E N E R F Q Y K C N M G Y E Y S E R G D A V C T E S G W R P L P S C E E K S C D N P Y I P N G D Y S P L R I K H R T G D E I T Y Q C R N G F Y P A T R G N T A K C T S T G W I P A P R C T L K P C D Y P D I K H G G L Y H E N M R R P Y F P V A V G K Y Y S Y Y C D E H F E T P S G S Y W D H I H C T Q D G W S P A V P C L R K C Y F P Y L E N G Y N Q N Y G R K F V Q G K S I D V A C H P G Y A L P K A Q T T V T C M E N G W S P T P R C I R V S F T L
Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of PBS, 20% Glycerol, 5% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconsititution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	Complement factor H (CFH) is a component of the mammalian complement system, which regulates the alternative pathway of complement activation and protects the host cell from inappropriate complement activation. CFH is a key

regulator of innate immunity, and CFH deficiency leads to membranoproliferative glomerulonephritis type II[2].

REFERENCES

[1]. Cui T, et al. Human complement factor H is a novel diagnostic marker for lung adenocarcinoma. Int J Oncol. 2011;39(1):161-168.

[2]. Mandal MN, et al. Complement factor H: spatial and temporal expression and localization in the eye. Invest Ophthalmol Vis Sci. 2006;47(9):4091-4097.

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

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