

Recombinant Complement Factor H (CFH) Instruction Manual

SIPA620Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	43.0kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser860~Arg1231 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	7.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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S IPLCVEKIPC SQPPQIEHGT INSSRSSQES YAHGTKLSYT  
CEGGFRISEE NETTCYMGKW SSPPQCEGLP CKSPPEISHG VVAHMSDSYQ  
YGEEVTYKCF EFGGIDGPAI AKCLGEKWSH PPSCIKTDCL SLPSFENAIP  
MGEKKDVYKA GEQVITYTCAT YYKMDGASNV TCINSRWTGR PTCRDTSCVN  
PPTVQNAYIV SRQMSKYPSG ERVRYQCRSP YEMFGDEEVM CLNGNWTEPP  
QCKDSTGKCG PPPPIDNGDI TSFPLSVYAP ASSVEYQCQN LYQLEGNKRI  
TCRNGQWSEP PKCLHPCVIS REIMENYNIA LRWTAKQKLY SRTGESVEFV  
CKRGYRLSSR SHTLR TTCWD GKLEYPTCAK R
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.4 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

ATTCCTATACCACTCTGTGTTGAAATTTCCATGTTCACACCACTCCAGATAGAACAGGAAACAATTTCCATCCAGGTCCTCCAGGAACTTATCCATACCTGGACTAAATTCAGTTATCTTGTGAGGGTGGTTCCAGGATCTGTGAAATGAAACACATGCTACTG

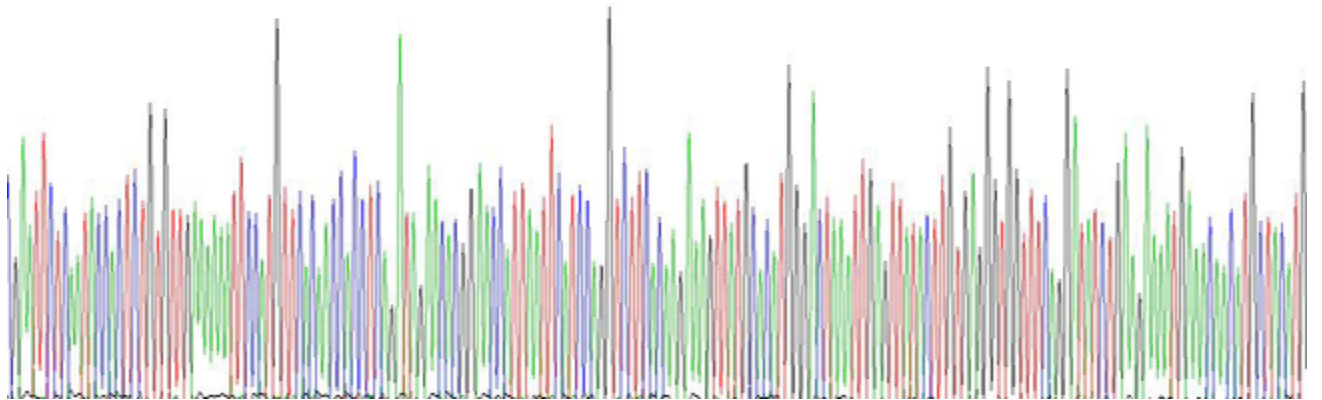


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.