

Recombinant Complement Factor H Related Protein 5 (CFHR5) Instruction Manual

SIPL741Hu01

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	66.2kDa
Accurate Molecular Mass	66kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu19~Glu569 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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EG TLCDFPKIHH GFLYDEEDYN PFSQVPTGEV
FYYSCEYNFV SPSKSFWTRI TCTEEGWSPT PKCLRMCSFP FVKNGHSESS
GLIHLEGDTV QIICNTGYSL QNNEKNISCV ERGWSTPPIC SFTKGECHVP
ILEANVDAQP KKEYKVGDV LKFSCRKNLI RVGSDSVQCY QFGWSPNFPT
CKGQVRSCGP PPQLSNGEVK EIRKEEYGHN EVVEYDCNPN FIINGPKKIQ
CVDGEWTTLP TCVEQVKTCG YIPELEYGYV QPSVPPYQHG VSVEVNCRNE
YAMIGNNMIT CINGIWTELP MCVATHQLKR CKIAGVNIKT LLKLSGKEFN
HNSRIRYRCS DIFRYRHSVC INGKWNPEVD CTEKREQFCP PPPQIPNAQN
MTTTVNYQDG EKVAVLCKEN YLLPEAKEIV CKDGRWQSLP RCVESTAYCG
PPPSINNGDT TSFPLSVYPP GSTVTYRCQS FYKLQGSVTV TCRNKQWSEP
PRCLDPCVVS EENMNKNNIQ LKWRNDGKLY AKTGDAVEFQ CKFPHKAMIS
SPPFRAICQE GKFEYPICE
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 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

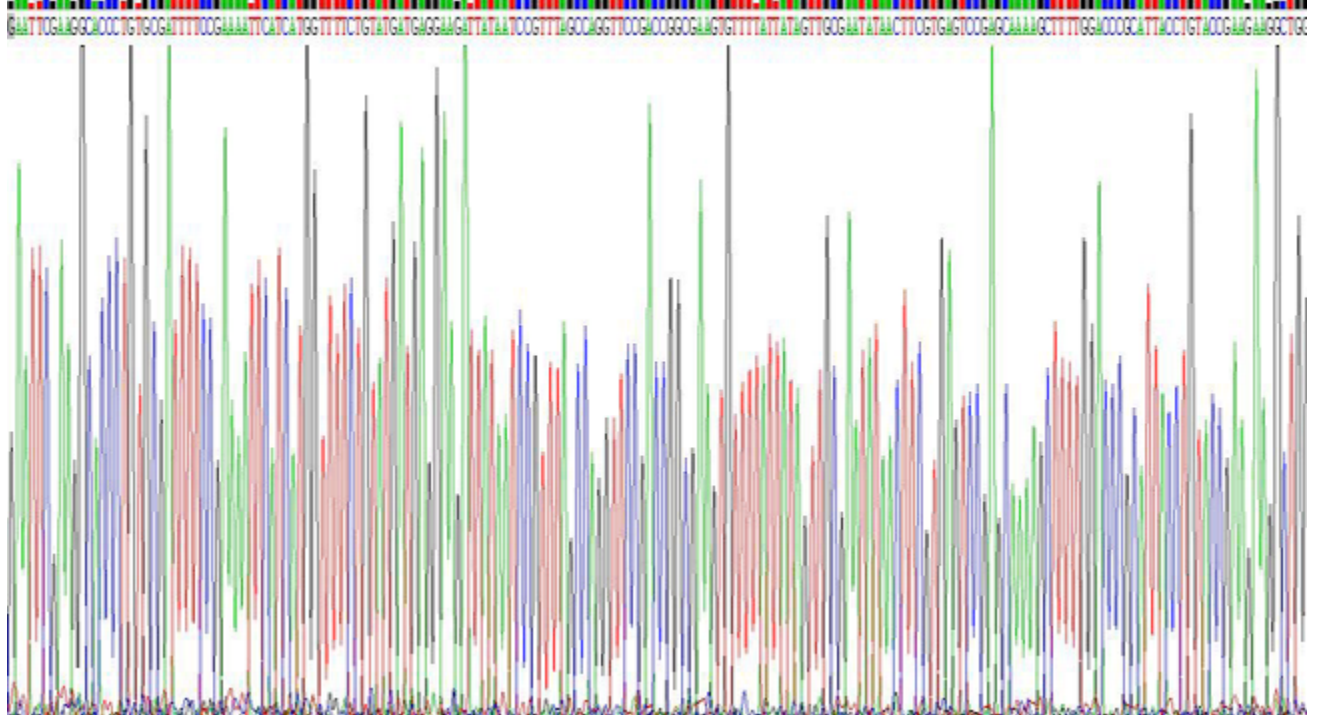


Figure. SDS-PAGE

[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.