

RPA783Ra01 100µg
Recombinant Complement Factor P (CFP)
Organism Species: *Rattus norvegicus* (Rat)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Asp24~Pro465

Tags: N-terminal His Tag

Subcellular Location: Membrane, Extracellular matrix

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.3

Predicted Molecular Mass: 51.8kDa

Accurate Molecular Mass: 52kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

DPVLCFT QYEESGRCK GLLGRDIRVE DCCLNTAYAF QEHDGGLCQS CRSPQWSAWS SWGPCSVTCS EGSQLRHRRRC VGRGGQCSEK
AAPGTLEWQL QACEDQLCCP EMGGWSEWGP WGPCSVTCSK GTQTRQRLCD NPAPKCGGHC PGEAQQSQAC DTQKICPTHG AWASWGPWSA
CSGSCLGGAQ EPKETRSRSC SAPAPSHQPP GKPCSGTAYE HRGCSGLPPC PVAGGWGPWG PSSPCPVTCG LGQTLERRTC DHPVPRHGPP
FCAGDATTRKH VCNTAMPQPV NGEWEAWGKW SHCSRVRMKS ISCDEIPGQQ SRSRSCGGRK FDGQPCTGKL QDIRHCYDIH NCVLKGWSWQ
WSTWGLCTPP CGPNPTRVRQ RLCTPLLPKY SPTVSMVEGQ GEKNVTFWGI PRPLCEVLQG QKLVVEEKRK CLHVPSCRDP EEKKP

[IDENTIFICATION]



[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.