

RPA758Mu01 200µg

Recombinant Complement C3 Convertase (C3 Convertase)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Glu1314~Asn1663

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

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: 5.9

Predicted Molecular Mass: 41.6kDa

Accurate Molecular Mass: 44kDa 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.

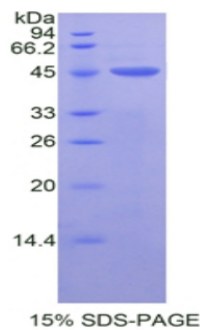
Aliquot and store at -80°C for 12 months.

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]

ENGNLLR SEETKQNEAF SLTAKGKGRG TLSVVAVYHA
 KLKSKVTCKK FDLRVSIRPA PETAKKPEEA KNTMFLEICT KYLGDVDATM
 SILDISMMTG FAPDTKDLEL LASGVDRYIS KYEMNKAFSN KNTLIIYLEK
 ISHTEEDCLT FKVHQYFNVG LIQPGSVKVY SYYNLEESCT RFYHPEKDDG
 MLSKLCHSEM CRCAEENC FM QQSQEKINLN VRLDKACEPG VDYVYKTELT
 NIELLDDE FDE YTMTIQQVIK SGSDEVQAGQ QRKFISHIKC RNALKLQKGK
 KYLMWGLSSD LWGEKPNTSY IIGKDTWVEH WPEAEECQDQ KYQKQCEELG
 AFTESMVVYG CPN

[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.