

RPS103Hu01 50µg

Recombinant Complement Component 4d (C4d)

Organism Species: *Homo sapiens (Human)*

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: Leu958~Gly1335

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 1500µg/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: 5.1

Predicted Molecular Mass: 44.0kDa

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**]

LEI	PGNSDPNMIP	DGDFNSYVRV	TASDPLDTLG	SEGALSPGGV
ASLLRLPRGC	GEQTMIIYAP	TLAASRYLDK	TEQWSTLPPE	TKDHAVDLIQ
KGYMRIQQFR	KADGSYAAWL	SRGSSTWLT	FVLKVLSLAQ	EQVGGSPPEL
QETSNWLLSQ	QQADGSFQDL	SPVIHRSMQG	GLVGNDETVA	LTAFTVIALH
HGLAVFQDEG	AEPLKQRVEA	SISKASSFLG	EKASAGLLGA	HAAAITAYAL
TLTKAPADLR	GVAHNNLMAM	AQETGDNLYW	GSVTGSQSNA	VSPTPAPRNP
SDPMPQAPAL	WIETTAYALL	HLLLHEGKAE	MADQAAAWLT	RQGSFQGGFR
STQDTVIALD	ALSAYWIASH	TTEERGLNVT	LSSTG	

[IDENTIFICATION]

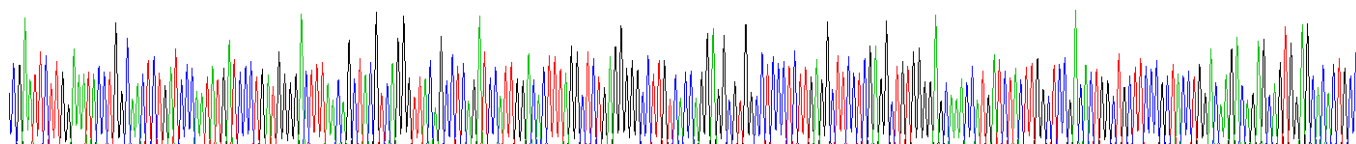
[illegible]

Figure . Gene Sequencing (extract)

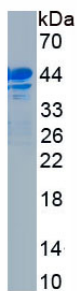


Figure. SDS-PAGE

[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.