SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Complement Component 4d (C4d)

Catalog Number: SIPS495Hu01 **Spec: 500ug**

Product Name	Recombinant Complement Component 4d (C4d)
Catalog Number	SIPS495Hu01
Organism Species	Human
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	1200μg/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	44&40kDa 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 2-8ºC for one month.

Aliquot and store at -80ºC 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 GEQTMIYLAP TLAASRYLDK TEQWSTLPPE TKDHAVDLIQ
KGYMRIQQFR KADGSYAAWL SRGSSTWLTA FVLKVLSLAQ EQVGGSPEKL
QETSNWLLSQ QQADGSFQDL SPVIHRSMQG GLVGNDETVA LTAFVTIALH
HGLAVFQDEG AEPLKQRVEA SISKASSFLG EKASAGLLGA HAAAITAYAL
TLTKAPADLR GVAHNNLMAM AQETGDNLYW GSVTGSQSNA VSPTPAPRNP
SDPMPQAPAL WIETTAYALL HLLLHEGKAE MADQAAAWLT RQGSFQGGFR
STQDTVIALD ALSAYWIASH TTEERGLNVT LSSTG

[IDENTIFICATION]

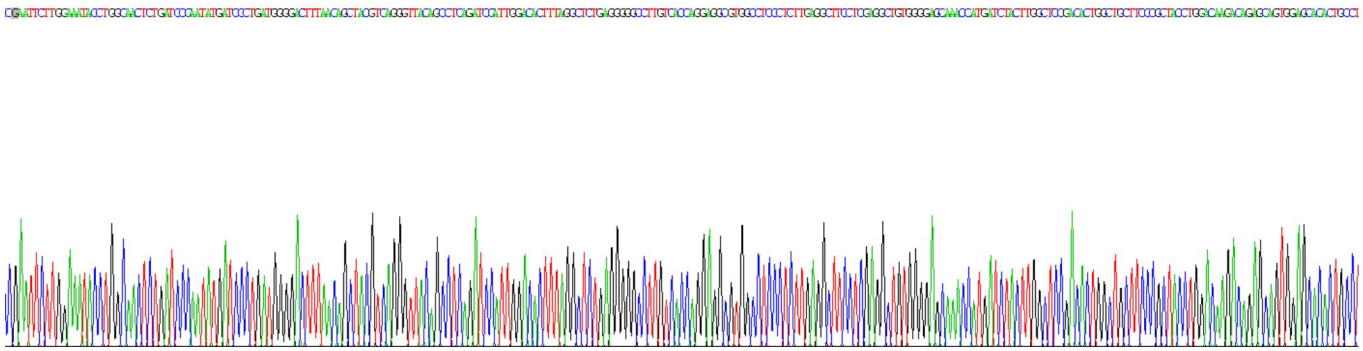


Figure . Gene Sequencing (extract)

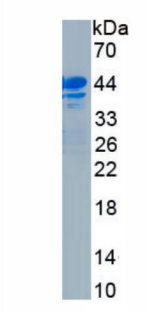


Figure. SDS-PAGE

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[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.