

Recombinant Complement Component 4 (C4)

Catalog No.: TP10761 100μg

Sequence Information

Species: Human

Gene ID:720

Swiss Prot:P0C0L4

Synonyms:

Residues:Asn975-Arg1336

NSYVRTASDPLDTLSEGALSPGGVASLLRLPRGCSEQTMIYLAPTLAASRYL
DKTEQWSTLPETKDHAVDLIQKGYMRQQFRKADGSYAAWLSDSSTWLTA
LKVLSLAQEQVGGSPEKLQETSNWLLSQQQADGSFQDPCPVLD
RSMQGGLVGND
ETVALTAFVTIALHHGLAVFQDEGAEPLKQRVEASISKANSFLGE
KASAGLLGA
HAAAITAYALT
LT
KAPV
DLLGV
AHNNLMAM
AQET
GDNLY
WGS
VTGS
QS
NAV
SPT
PAPRN
PSD
PMP
QAP
ALWI
ETT
AYAL
LHLL
LHE
GKA
EMAD
QAS
AWL
TRQ
GSF
QGG
FR
ST
QDT
VIAL
DALS
SAY
WI
ASHT
TEER
GLN
VTL
SST
GR

Product Information

Source: Recombinant expression.

Host: *E.coli*

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: 5.0

Predicted Molecular Mass: 42.5kDa

Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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.

[IDENTIFICATION]

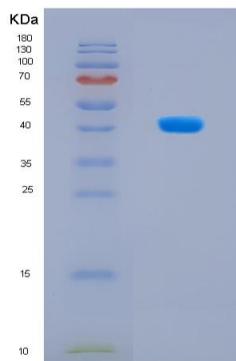


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.