

Recombinant Cholecystokinin 4, Tetrapeptide (CCK4) Instruction Manual

SIPA755Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	47.3kDa
Accurate Molecular Mass	47kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala31~Phe333 with Two N-terminal Tags, His-tag and SUMO-tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                AIVFIKQPSS QDALQGRRAL
LRCEVEAPGP VHVYWLLDGA PVQDTERRFA QGSSLSFAAV DRLQDSGTFQ
CVARDDVTGE EARSANASFN IKWIEAGPVV LKHPASEAEI QPQTQVTLRC
HIDGHPRPTY QWFRDGTPLS DGQSNHTVSS KERNELLRPA GPEHSGLYSC
CAHSAFGQAC SSQNFTLSIA DESFARVVLA PQDVVVARYE EAMFHCQFSA
QPPPSLQWLF EDETPITNRS RPPHLRRATV FANGSLLLLTQ VRPRNAGIYR
CIGQGQRGPP IILEATLHLA EIEDMPLFEP RVF
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USAGE

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

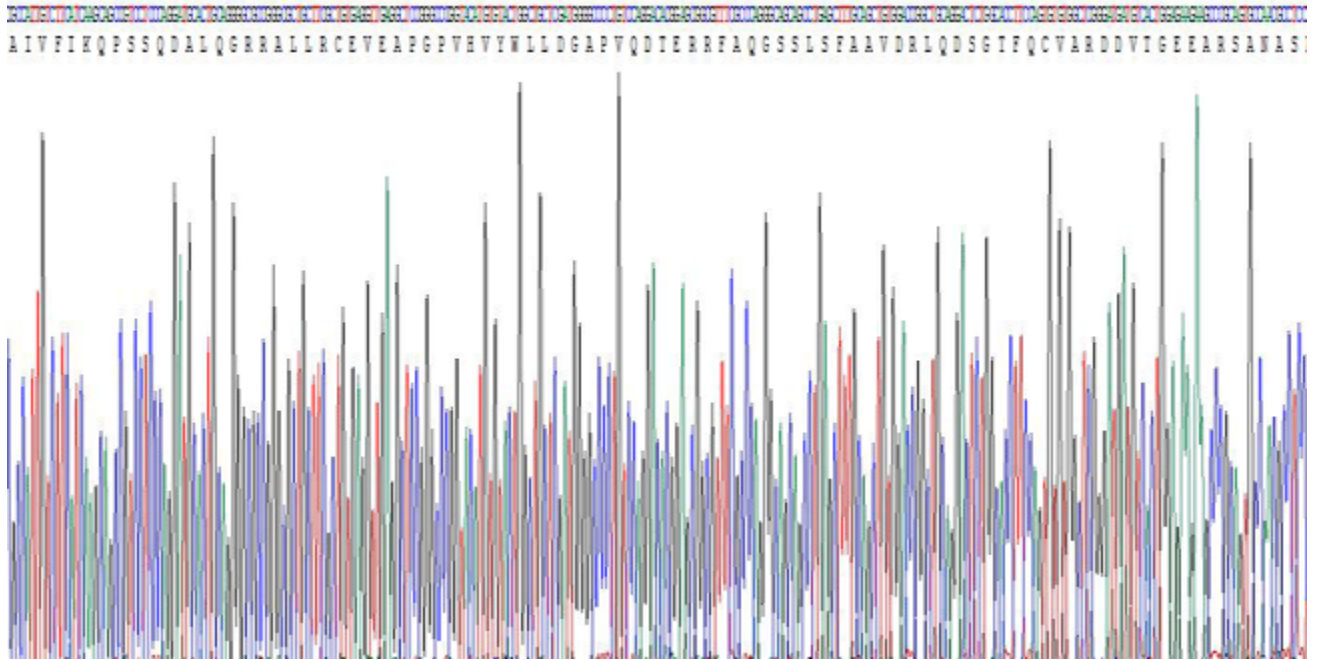


Figure. SDS-PAGE

[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.

