

Eukaryotic Carcinoembryonic Antigen (CEA)

Catalog No.: TP05001

50µg

Sequence Information

Species: Human

Gene ID:1048

Swiss Prot:P06731

Synonyms:CD66E; CD66; CEACAM5;

Carcinoembryonic Antigen-related Cell

Adhesion Molecule 5; Carcinoembryonic

Antigen

Residues:Lys35-Ala685

KLTIESTPFNVAEGKEVLLLVHNLQHLFGYSWYKGERVDGNRQIIGYVIGTQQ
ATPGPAYSGREIIYPNASLLIQNIIQNDTGFYTLHVIKSDLVNEEATGQFRVYP
ELPKPSSSNNSKPVEDKDAVAFTCEPETQDATYLWWVNNQSLPVPSPRLQLSNG
NRTLTLFNVTRNDTASYKCETQNPVSARRSDSVILNVLVYGPDAPTISPLNTSYR
SGENLNLSCAASNPPAQYSWVNGTFQQSTQELFIPNITVNNSGSYTCQAHNS
DTGLNRTTVTTITVYAEPKPFITSNNSNPVEDEDAVALTCEPEIQNTTYLWWV
NNQSLPVPSPRLQLSNDNRTLTLVSVTRNDVGPYECGIQNELSVDHSDPVILNVL
YGPDDPTISPSYTYRPGVNLVLSCHAASNPPAQYSWLIDGNIQQHTQELFISN
ITEKNSGLYTCQANNSASGHSRTTVKTIITVSAELPKPSSSNNSKPVEDKDAVA
FTCEPEAQNTTYLWWVNGQSLPVPSPRLQLSNGNRTLTLFNVTRNDARAYVCGIQ
NSVSANRSDPVTLDVLYGPDPTIISPDDSSYLSGANLNLSCHSASNPSQPYSWR
INGIPQQHTQVLFIAKITPNNGTYACFVSNLATGRNNSIVKSITVSASGTSPG
LSA

Product Information

Source: Eukaryotic expression.

Host: 293F cell

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >97%

Traits: Freeze-dried powder

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

Original Concentration: 500µg/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: 5.4

Predicted Molecular Mass: 73.0kDa

Accurate Molecular Mass: 80kDa 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]

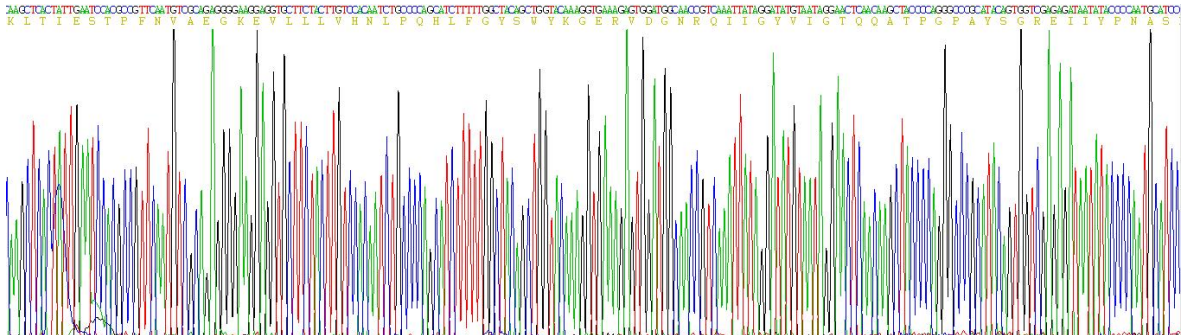


Figure 1. Gene Sequencing (Extract)

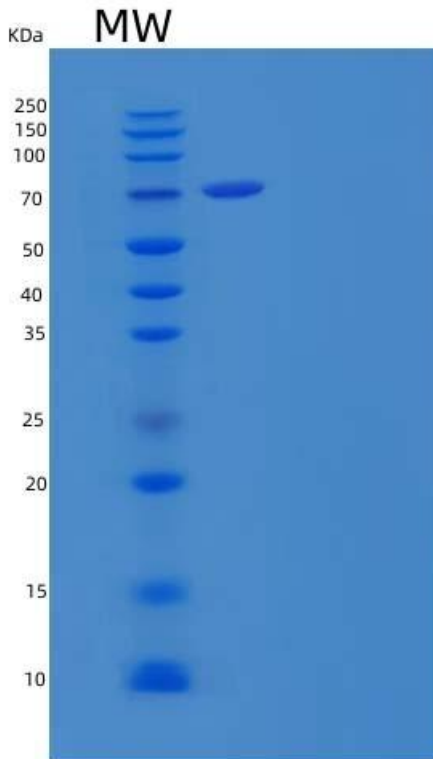


Figure 2. SDS-PAGE

[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.