

Carcinoembryonic Antigen (CEA) Recombinant Protein | CEA recombinant protein

Recombinant Carcinoembryonic Antigen (CEA)

CATALOG # AAA148319	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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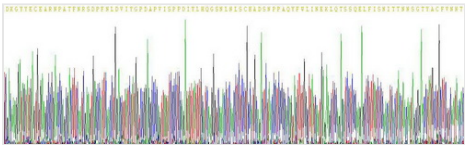
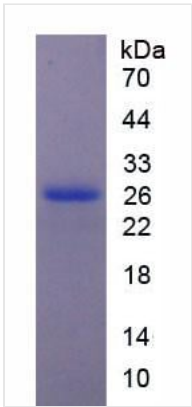
PRODUCT SYNONYMS

Carcinoembryonic Antigen (CEA); Recombinant Carcinoembryonic Antigen (CEA); CD66E; CD66; CEACAM5; Carcinoembryonic Antigen-related Cell Adhesion Molecule 5; Carcinoembryonic Antigen; CEA recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 25ug/mL (varies by lot)
Applicable Applications for CEA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Asp209~Leu408+GRNT
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.1
Usage	Reconstitute in ddH2O to a concentration of 0-0.1 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.

IMAGES



Application Data

SDS-PAGE

DK GYEECEARNP ATFNRSDFN LDVIYGPDP VISPPDIYLH
QGSNLNLSCH ADSNPPAQYF WLINEKLQTS SQELFISNIT TNSGTYACF
VNNTVTGLSR TTVKNITVFE PVTQPSIQIT NTTVKELGSV TLTCFSKDTG
VSVRWLFNSQ SLQLTDRMTL SQDNSTLRID PIKREDAGDY QCEISNPVSF
RISHPIKLGR NT

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for CEA recombinant protein	Tumor immunity; Gastroenterology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62286470
UniProt Accession #	Q63111; Q63101
Molecular Weight	Predicted Molecular Mass: 26.1kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Carcinoembryonic antigen-related cell adhesion molecule 3
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 3
UniProt Gene Name	Ceacam3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ceacam3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148319>