

Carcinoembryonic Antigen (CEA) Recombinant Protein | CEA recombinant protein

Recombinant Carcinoembryonic Antigen (CEA)

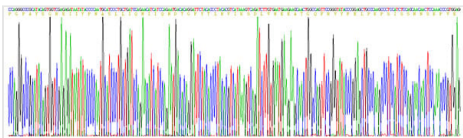
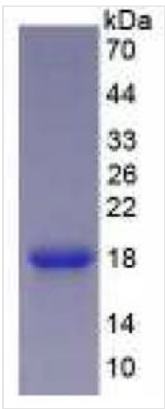
CATALOG # AAA134097	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Carcinoembryonic Antigen (CEA); Recombinant Carcinoembryonic Antigen (CEA); CEA recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for CEA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Pro93~Val221
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	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

SDS-PAGE

IYPNASLLIQ NIIQNDTGFY TLHVIKSDLV NEEATGQFRV YPELPKPSIS
SNNSKPVEDK DAVFTCEPE TQDATYLMWV NNQSLPVSPR LQLSNGNRTL
TLFNVTRNDT ASYKCTQNP V

PAYSGREI

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	98986445
NCBI GeneID	1048
NCBI Accession #	NP_004354.2
NCBI GenBank Nucleotide #	NM_004363.3
UniProt Accession #	P06731; H9KVA7
Molecular Weight	Predicted Molecular Mass: 16.0kDa Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 5 preproprotein
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Symbol	CEACAM5
NCBI Official Synonym Symbols	CEA; CD66e
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 5; meconium antigen 100
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 5
UniProt Gene Name	CEACAM5
UniProt Synonym Gene Names	CEA; CEA
UniProt Entry Name	CEAM5_HUMAN

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.