

CEA native protein

CEA protein

CATALOG #
AAA14367

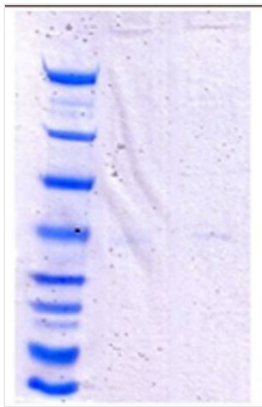
APPLICATIONS
Control

PRODUCT SYNONYMS

CEA; CEA protein; Carcinoembryonic antigen protein; CEA native protein

PRODUCT SPECIFICATIONS

Purity/Purification	>95% by SDS-PAGE and electrophoresis
Form/Format	Supplied as a liquid in PBS buffer, pH 7.4 with 0.1 % Sodium Azide, 0.2um filtered.
Concentration	3.11 mg/ml (by Elecsys CEA) (varies by lot)
Sequence Length	141
Applicable Applications for CEA native protein	Control
Application Notes	This highly purified product can be used as an immunogen or for labeling and standards, calibrators but is primarily used for multiple analyte controls.
Source Note	Cell Culture
Species	Human
Protein Type	Native
Grade	Highly Pure
Contaminants	SDS-PAGE shows a single band
Biological Significance	Carcinoembryonic antigen (CEA) is a glycoprotein involved in cell adhesion. It is normally produced during fetal development, but the production of CEA stops before birth. Therefore, it is not usually present in the blood of healthy adults, although levels are raised in heavy smokers. CEA is a glycosyl phosphatidyl inositol (GPI)-cell surface anchored glycoprotein whose specialized sialofucosylated glycoforms serve as functional colon carcinoma L-selectin and E-selectin ligands, which may be critical to the metastatic dissemination of colon carcinoma cells.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Usage Recommendations	This highly purified product can be used as an immunogen or for labeling and standards, calibrators but is primarily used for multiple analyte controls.
Preparation and Storage	Store at 4°C for short term storage. Store at -20°C for long term storage. Avoid repeated freeze/thaw cycles.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for CEA native protein	Cancer; Native Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	553222
NCBI GeneID	4680
NCBI Official Full Name	carcinoembryonic antigen, partial
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)
NCBI Official Symbol	CEACAM6
NCBI Official Synonym Symbols	NCA; CEAL; CD66c
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Gene Name	CEACAM6
UniProt Synonym Gene Names	NCA
UniProt Entry Name	CEAM6_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.