

## **CEA Related, QYSWFVNGTF**

Synthetic Peptide Catalog # SP2380b

## **Specification**

## **CEA Related, QYSWFVNGTF - Product Information**

Primary Accession

Sequence NH2-QYSWFVNGTF-COOH

## **CEA Related, QYSWFVNGTF - Additional Information**

### **Gene ID** 1048

#### **Other Names**

Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen, CEA, Meconium antigen 100, CD66e, CEACAM5, CEA

P06731

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

## **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

# **CEA Related, QYSWFVNGTF - Protein Information**

# Name CEACAM5

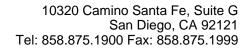
## **Synonyms CEA**

## **Function**

Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed:<a href="http://www.uniprot.org/citations/2803308" target="\_blank">2803308</a>, PubMed:<a href="http://www.uniprot.org/citations/10910050" target="\_blank">10910050</a>, PubMed:<a href="http://www.uniprot.org/citations/10864933" target="\_blank">10864933</a>). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:<a href="http://www.uniprot.org/citations/2803308" target="\_blank">2803308</a>). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed:<a href="http://www.uniprot.org/citations/10910050" target="\_blank">10910050</a>).

## **Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor. Apical cell membrane. Cell surface Note=Localized to the apical glycocalyx surface





**Tissue Location** 

Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

**CEA Related, QYSWFVNGTF - Images**