

Recombinant Human CEACAM5 Protein, His\Avi-tagged

Cat. No. CEACAM5-194H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 is produced by our Mammalian expression system and the target gene encoding Lys35-Ala685 is expressed with a Avi, 6His tag at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	35-685 a.a.
Description	Carcinoembryonic antigen-related cell adhesion molecules (CEACAMs) belong to a group of mammalian immunoglobulin related glycoproteins. They play critical roles in cell–cell recognition. CEACAM5, also called CEA and CD66e, is characterized by having seven extracellular Ig domains and a glycosylphosphatidylinositol (GPI) anchor. CEACAM5 is expressed primarily by epithelial cells, and functions as a calcium-independent adhesion molecule through homophilic and heterophilic interactions with CEACAM1. Studies have shown that CEACAM5 is overexpressed in a majority of carcinomas, and its overexpression can protect tumor cells from apoptosis. It is commonly used as a cancer marker.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
AA Sequence	Lys35-Ala685
Endotoxin	Less than 0.1 ng/ug (1 EU/ug).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping

Ambient

GENE INFORMATION

Gene Name CEACAM5 CEA cell adhesion molecule 5 [Homo sapiens (human)]

Official Symbol CEACAM5

Synonyms Carcinoembryonic antigen-related cell adhesion molecule 5; Carcinoembryonic antigen; CEA; Meconium antigen 100; CD66e

Gene ID 1048

mRNA Refseq NM_001291484.3

Protein Refseq NP_001278413.1

MIM 114890

UniProt ID P06731

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