Datasheet for ABIN7318298

CEACAM5 Protein (Fc Tag)

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Overview

Quantity:	50 µg
Target:	CEACAM5
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM5 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CEACAM5/CEA Protein (Fc Tag)
Sequence:	Lys35-Ala685
Characteristics:	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 Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5/CEA (CEACAM5 Products)
Background:	Background: Carcinoembryonic antigen-related cell adhesion molecules (CEACAMs) belong to a group of mammalian immunoglobulin related glycoproteins. They play critical roles in cell-cell

Target Details

	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. Synonym: Carcinoembryonic antigen-related cell adhesion molecule 5, CEACAM5, Carcinoembryonic antigen, CEA, Meconium antigen 100, CD66e
Molecular Weight:	98.9 kDa
UniProt:	P06731

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.