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Datasheet for ABIN7504298

**CEACAM7 Protein (AA 36-242) (Fc Tag)**

## Overview

Quantity:	100 µg
Target:	CEACAM7
Protein Characteristics:	AA 36-242
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM7 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human CEACAM-7 Protein
Sequence:	Thr36-Ser242
Characteristics:	Recombinant Human CEACAM-7 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Thr36-Ser242.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	CEACAM7
Alternative Name:	CEACAM-7 ( <a href="#">CEACAM7 Products</a> )

## Target Details

Background:	Carcinoembryonic antigen-related cell adhesion molecules (CEACAMs) belong to a group of mammalian immunoglobulin-related glycoproteins. They are involved in cell-cell recognition and modulate cellular processes that range from the shaping of tissue architecture and neovascularization to the regulation of insulin homeostasis and T-cell proliferation. CEACAM7 (CGM2), a member of the CEA family of proteins with expression restricted to the colon and pancreas, as a potential CAR T-cell target for PDAC.
Molecular Weight:	50.11 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months