

Datasheet for ABIN6992396

CEACAM5 Protein (AA 35-685) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CEACAM5
Protein Characteristics:	AA 35-685
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CEACAM5 protein is labelled with Fc Tag.

Product Details

Purpose:	Human CEACAM-5 Protein, Fc Tag (HPLC verified)
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM-5 (CEACAM5 Products)
Background:	Carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) is also Carcinoembryonic antigen (CEA), Meconium antigen 100, CD antigen CD66e, CEACAM5 belongs to the immunoglobulin superfamily and CEA family. CEACAM5 contains seven Ig-like (immunoglobulin-like) domains. CEACAM5 is homodimer protein which binding of E.coli Dr

Target Details

adhesins leads to dissociation of the homodimer. CEACAM5 is cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. CEACAM5 is receptor for E.coli Dr adhesins.

Molecular Weight:	97.8 kDa
NCBI Accession:	NP_004354

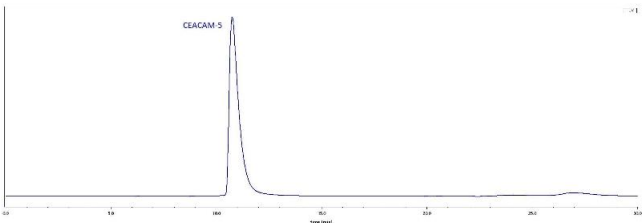
Application Details

Restrictions:	For Research Use only
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Handling

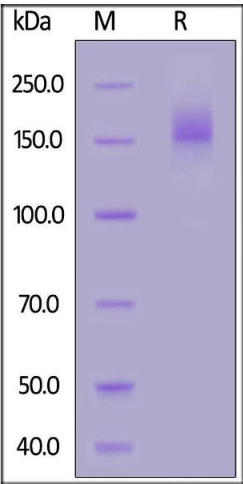
Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5
Storage:	-20 °C

Images



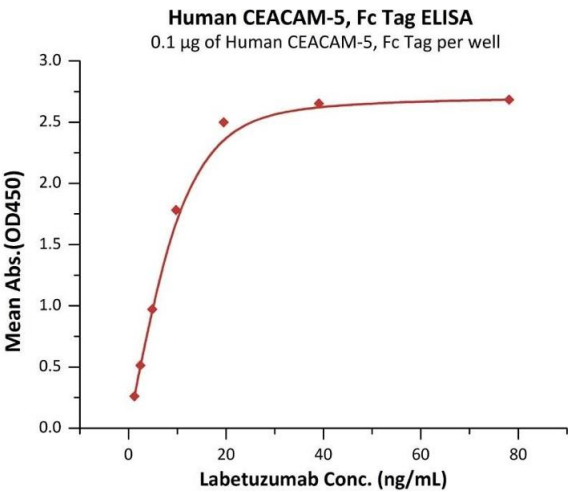
High Pressure Liquid Chromatography

Image 1. The purity of Human CEACAM-5, Fc Tag (ABIN6992396) was greater than 90 % as determined by .



SDS-PAGE

Image 2. Human CEACAM-5, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 3. Immobilized Human CEACAM-5, Fc Tag (ABIN6992396) at 1 µg/mL (100 µL/well) can bind Labetuzumab with a linear range of 1-10 ng/mL (QC tested).