

[Go to Product page](#)

Datasheet for ABIN1880688

**CEACAM21 Protein (AA 35-240) (His tag)**

## Overview

Quantity:	50 µg
Target:	CEACAM21
Protein Characteristics:	AA 35-240
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM21 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human CEACAM21 (C-6His)
Sequence:	WLFIASAPFE VAEGENVHLS VVYLPENLYS YGWAYKGKTVE PNQLIAAYVI DTHVRTPGPA YSGRETISPS GDLHFQNVTL EDTGYYNLQV TYRNSQIEQA SHHLRVYESV AQPSIQASST TVTEKGSVVL TCHTNTGTGS FQWIFNNQRL QVTKRMKLSW FNHVLTIDPI RQEDAGEYQC EVSNPVSSNR SDPLKLTVKS DDNTLGVDHH HHHH
Characteristics:	Recombinant Human CEACAM21 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Trp35-Gly240) of Human CEACAM21 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	CEACAM21
Alternative Name:	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 21/CEACAM21 ( <a href="#">CEACAM21 Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Carcinoembryonic antigen-related cell adhesion molecule 21 is a protein that in humans is encoded by the CEACAM21 gene. It belongs to the immunoglobulin superfamily. CEA family. containing 1 Ig-like C2-type (immunoglobulin-like) domain. It was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses.</p> <p>Alternative Names: Carcinoembryonic antigen-related cell adhesion molecule 21, CEACAM21</p>
Molecular Weight:	24.2 kDa
UniProt:	<a href="#">Q3KPI0</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>

## Handling

---

Expiry Date: 3 months