

Datasheet for ABIN7321298  
**CEACAM1 Protein (His tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	CEACAM1
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CEACAM1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Rat Ceacam1/BGP-1 protein (His Tag)
Sequence:	35Q-425A
Characteristics:	A DNA sequence encoding the Rat Ceacam1/BGP-1 protein (P16573) (35Q-425A) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Immunogen(E-AB-40353)

## Target Details

Target:	CEACAM1
Alternative Name:	Ceacam1/BGP-1 ( <a href="#">CEACAM1 Products</a> )
Background:	Background: Cell adhesion protein that mediates homophilic cell adhesion in a calcium-

## Target Details

independent manner (By similarity). Plays a role as coinhibitory receptor in immune response, insulin action and functions also as an activator during angiogenesis. Its coinhibitory receptor function is phosphorylation- and PTPN6 -dependent, which in turn, suppress signal transduction of associated receptors by dephosphorylation of their downstream effectors. Plays a role in immune response, of T-cells, natural killer (NK) and neutrophils.

Synonym: Antigen CD66,BGP 1,Biliary glycoprotein 1,CD66a,CEACAM1,meconium antigen 100,Carcinoembryonic antigen-related cell adhesion molecule 1,Biliary glycoprotein D,MHVR1,Murine hepatitis virus receptor,MHV-R,Bgp1

Molecular Weight: 45.13kDa

UniProt: [P16573](#)

## Application Details

Restrictions: For Research Use only

## Handling

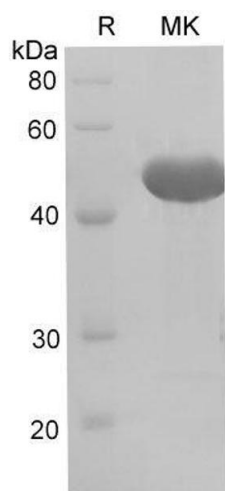
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 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.



**Western Blotting**

**Image 1.**