

# Recombinant Mouse Ceacam1/BGP-1 protein (His Tag)



Catalog Number: PDEM100027

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

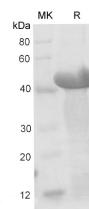
## Description

<b>Synonyms</b>	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
<b>Species</b>	Mouse
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Glu35-Pro416
<b>Accession</b>	P31809
<b>Calculated Molecular Weight</b>	43.9 kDa
<b>Observed molecular weight</b>	40-48 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	Immunogen(D-AB-10183L)

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 90 % as determined by reducing SDS-PAGE.

## Background

Cell adhesion protein that mediates homophilic cell adhesion in a calcium-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.

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017