CEACAM1 Protein (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	CEACAM1
Origin:	Mouse
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 Mouse Ceacam1/BGP-1 protein (His Tag)
Sequence:	35E-416P
Characteristics:	A DNA sequence encoding the Mouse Ceacam1/BGP-1 protein (P31809) (35E-416P) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Immunogen(E-AB-40352)

Target Details

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

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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:	43.9kDa
UniProt:	P31809

Application Details

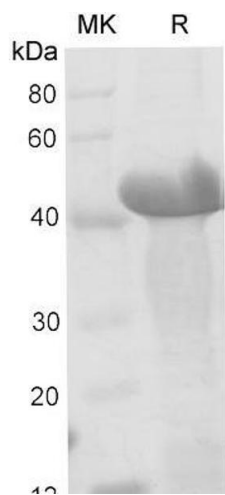|	
Restrictions:	For Research Use only

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.

Images

Western Blotting

Image 1.