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Datasheet for ABIN7505485

CEACAM1 Protein (AA 35-425) (His tag)

Overview

Quantity:	100 µg
Target:	CEACAM1
Protein Characteristics:	AA 35-425
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM1 protein is labelled with His tag.

Product Details

Sequence:	Gln35-Ala425
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.

Target Details

Target:	CEACAM1
Alternative Name:	Ceacam1 (CEACAM1 Products)
Background:	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

Target Details

	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:	45.13 kDa
UniProt:	P16573

Application Details

Comment:	used as Immunogen for (ABIN6999924, ABIN7234304, ABIN7234305 and ABIN7234306)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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.
Expiry Date:	12 months