

Datasheet for ABIN7538161

CEACAM5 Protein (AA 35-685) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	CEACAM5
Protein Characteristics:	AA 35-685
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Cynomolgus CEACAM5 protein with C-terminal 10xHis tag
Specificity:	CEACAM5 (Gln35-Gly685) 10xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5 (CEACAM5 Products)
Background:	This gene encodes a cell surface glycoprotein that represents the founding member of the

Target Details

carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

Molecular Weight:	predicted molecular mass of 73.0 kDa after removal of the signal peptide.
NCBI Accession:	XP_005589491

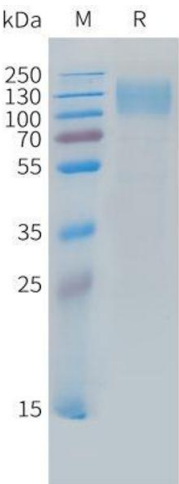
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Cynomolgus CEA Protein, His Tag on SDS-PAGE under reducing condition.