

[Go to Product page](#)

Datasheet for ABIN1096371

CEACAM8 Protein (AA 35-141) (His tag)

Overview

Quantity:	50 µg
Target:	CEACAM8
Protein Characteristics:	AA 35-141
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM8 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CEACAM8/CD66b (C-6His)
Sequence:	QLTIEAVPSN AAEGKEVLLL VHNLPQDPRG YNWKGETVD ANRRIIGYVI SNQQITPGPA YSNRETIYPN ASLLMRNVTR NDTGSYTLQV IKLNLMSSEV TGQFSVHVDH HHHHH
Characteristics:	Recombinant Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 8/CEACAM8 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Gln35-His141) of Human CEACAM8 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CEACAM8
Alternative Name:	cd66b (CEACAM8 Products)
Sub Type:	Fusionprotein
Background:	<p>Carcinoembryonic Antigen-Related Cell Adhesion Molecule 8 (CEACAM8) is a single chain, GPI-anchored, highly glycosylated protein which belongs to the immunoglobulin superfamily and the carcinoembryonic antigen(CEA) family. CEACAM8 is expressed by neutrophils and eosinophils, and serves as a binding partner for CEACAM-6 and Galectin-3. It contains two Ig-like C2-type (immunoglobulin-like) domains and one Ig-like V-type (immunoglobulin-like) domain. Mature human CEACAM8 is a 287 amino acid GPI-linked glycoprotein. CEACAM family members are a set of widely expressed proteins involved in several biological functions, including cell adhesion, migration, signal transduction, and the regulation of gene expression. Abnormal overexpression and downregulation of some CEACAMs have been described in tumor cells.</p> <p>Alternative Names: Carcinoembryonic Antigen-Related Cell Adhesion Molecule 8, CD67 Antigen, Carcinoembryonic Antigen CGM6, Non-Specific Cross-Reacting Antigen NCA-95, CD66b, CEACAM8, CGM6</p>
Molecular Weight:	13.03 kDa
UniProt:	P31997

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Handling

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 3 months