Datasheet for ABIN7596338

CEACAM8 Protein (AA 35-320) (His tag)

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Overview

Quantity:	500 µg
Target:	CEACAM8
Protein Characteristics:	AA 35-320
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM8 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QLTIEAVPSN AAEGKEVLLL VHNLPQDPRG YNWYKGETVD ANRRIIGYVI SNQQITPGPA YSNRETIYPN ASLLMRNVTR NDTGSYTLQV IKLNLMSEEV TGQFSVHPET PKPSISSNNS NPVEDKDAVA FTCEPETQNT TYLWWVNGQS LPVSPRLQLS NGNRTLTLLS VTRNDVGPYE CEIQNPASAN FSDPVTLNVL YGPDAPTISP SDTYYHAGVN LNLSCHAASN PPSQYSWSVN GTFQQYTQKL FIPNITTKNS GSYACHTTNS ATGRNRTTVR MITVSD
Purity:	> 95% by SDS - PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	CEACAM8
Alternative Name:	CD66b/CEACAM8 (CEACAM8 Products)

Target Details

Background:	CEACAM-8, also known as CD66b, is a cell surface glycoprotein that plays a role in cell adhesion in a calcium-independent manner. It mediates heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6. Its main function is cell adhesion, cell migration, and pathogen binding. However, its biological functions are largely unknown in eosinophils. It has been reported that CEACAM-8 is highly expressed on the surface of human peripheral blood eosinophils isolated from healthy individuals and used as granulocyte marker. Recombinant human CEACAM-8, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	32.3kDa (292aa)
NCBI Accession:	NP_001807

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.