

Datasheet for ABIN5853147

CEACAM21 Protein (AA 35-240) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CEACAM21
Protein Characteristics:	AA 35-240
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEACAM21 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSWLFIASA PFEVAEGENV HLSVVYLPEN LYSYGWYK GK TVEPNQLIAA YVIDTHVRTP GPAYSGRETI SPSGDLHFQN VTLEDTGYYN LQVTYRNSQI EQASHHLRVY ESVAQPSIQA SSTTVTEKGS VVLTCHTNNT GTSFQWIFNN QRLQVTKRMK LSWFNHVLT I DPIRQEDAGE YQCEVSNPVS SNRSDPLKLT VKSDDNTLG
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	CEACAM21
Alternative Name:	CEACAM21 (CEACAM21 Products)
Background:	CEACAM21 is a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host

Target Details

cells. The transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Recombinant human CEACAM21 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Molecular Weight: 25 kDa (229aa)

NCBI Accession: [NP_001091976](#)

UniProt: [Q3KPIO](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

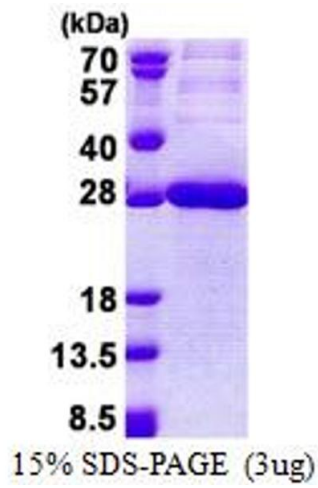
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.