

## Recombinant Human CEACAM21, His-tagged

Cat. No. CEACAM21-15898H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CEACAM21 protein, fused to His tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	35-240aa
<b>Description</b>	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 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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>Molecular Mass</b>	25 kDa (229aa)
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSWLFASA PFEVAEGENV HLSVVYLPEN LYSYGWYK GK TVEPNQLIAA YVIDTHVRTP GPAYSGRETI SPSGDLHFQN VTLEDTGYYN LQV TYRNSQI EQASHHLRVY ESVAQPSIQA SSTTVTEKGS VVL TCHTNT GTSFQWIFNN QRLQVTKRMK LSWFNHVLTI DPIRQEDAGE

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YQCEVSNPVS SNRSDPLKLT VKSDDNTLG

**Purity** >90% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [CEACAM21](#) [carcinoembryonic antigen-related cell adhesion molecule 21 \[ Homo sapiens \]](#)

**Official Symbol** CEACAM21

**Synonyms** CEACAM21; carcinoembryonic antigen-related cell adhesion molecule 21; FLJ13540; R29124\_1; CEACAM3; MGC119874;

**Gene ID** [90273](#)

**mRNA Refseq** [NM\\_001098506](#)

**Protein Refseq** [NP\\_001091976](#)

**UniProt ID** [Q3KPI0](#)

**Chromosome Location** 19q13.2

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