Recombinant Human CEACAM21, His-tagged

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

SPECIFICATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA