

32-3499: CEACAM21 Recombinant Protein

Alternative Name : Carcinoembryonic Antigen-Related Cell Adhesion Molecule 21,CEACAM3,R29124_1.

Description

Source : Escherichia Coli. CEACAM21 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 229 amino acids (35-240) and having a molecular mass of 25.0kDa.CEACAM21 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Carcinoembryonic Antigen-Related Cell Adhesion Molecule 21 (CEACAM21) belongs to the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by a number of bacterial pathogens to bind and invade host cells. The transmembrane protein guides phagocytosis of several bacterial species which is dependent on the small GTPase Rac. CEACAM21 is assumed to have a central role in controlling human-specific pathogens by the innate immune system.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The CEACAM21 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSWLFASA PFEVAEGENV HLSVVYLPEN LYSYGWYKKGK TVEPNQLIAA YVIDTHVRTP GPAYSGRETI SPSGDLHFQN VTLEDTGYYN LQVTYRNSQI EQASHHLRVY ESVAQPSIQA SSTTVTEKGS VVLTCHTNTT GTSFQWIFNN QRLQVTKRMK LSWFNHVLTI DPIRQEDAGE YQCEVSNPVS SNRSDPLKLT VKSDDNTLG.