
Product Data Sheet

Product Name: CEACAM21 Human
 Cat. No.: GP23115
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 21; CEACAM3; R29124_1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSWLFIAA PFEVAEGENV HLSVVYLPEN LYSYGWYK GK TVEPNQLIAA YVIDTHVRTP GPAYSGRETI SPSGDLHFQN VTLEDTGYYN LQVTYRNSQI EQASHHLRVY ESVAQPSIQA SSTTVTEKGS VVLTCHTNT GTSFQWIFNN QRLQVTKRMK LSWFNHVLTI DPIRQEDAGE YQCEVSNPVS SNRSDPLKLT VKSDDNTLG.		
Formulation	The CEACAM21 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA