
Product Data Sheet

Product Name: CEACAM7 Human
 Cat. No.: GP23114
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CEA; CGM2; Carcinoembryonic antigen CGM2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSTNIDVVP FNVAEGKEVL LVVHNESQNL YGYNWYKGER VHANYRIIGY VKNISQENAP GPAHNGRETI YPNGTLLIQN VTHNDAGIYT LHVIKENLVN EEVTRQFYVF SEPPKPSITS NNFNPVENKD IVVLTCPET QNTTYLWWVN NQSLVSPRL LLSTDNRTL VLLSATKNDIG PYECEIQNPV GASRSDPVTL NVRYESVQAS.		
Formulation	CEACAM7 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.		

Introduction

Carcinoembryonic Antigen-Related Cell Adhesion Molecule 7 (CEACAM7) is a member of the immunoglobulin superfamily, CEA family. CEACAM7 contains 1 Ig-like C2-type (immunoglobulin-like) domain and 1 Ig-like V-type (immunoglobulin-like) domain. CEACAM7 is intensely down-regulated in colonic adenocarcinomas.

Stability

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.

Background

CEACAM7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 230 amino acids (36-242 a.a.) and having a molecular mass of 25.7kDa. CEACAM7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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