

## Carcinoembryonic Antigen-Related Cell Adhesion Molecule 7 Human

<b>Item Number</b>	rAP-2969
<b>Synonyms</b>	CEA, CGM2, Carcinoembryonic antigen CGM2.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q14002
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTNIDVVP FNVAEGKEVL LVVHNESQNL YGYNWYKGER VHANYRIIGY VKNISQENAP GPAHNGRETI YPNGTLLIQN VTHNDAGIYT LHVNIKENLVN EEVTRQFYVF SEPPKPSITS NNFNPVENKD IVVLTQCPET QNTTYLWWVN NQSLLVSPRL LLSTDNRTLVL LSATKNDIG PYECEIQNPV GASRSDPVTL NVRYESVQAS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	CEACAM7 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**