

## Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3 Human

**Item Number** rAP-2971

**Synonyms** Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3, Carcinoembryonic Antigen CGM1, CD66d Antigen , CD66D, CGM1, Carcinoembryonic Antigen Gene Family Member 1, Nonspecific Cross-Reacting Antigen, W264, W282, CEA, CEACAM3.

**Description** CEACAM3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 144 amino acids (35-155 a.a) and having a molecular mass of 15.5kDa. CEACAM3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Uniprot Accesion Number** P40198

**Amino Acid Sequence** MGSSHHHHHH SSGLVPRGSH MGSKLTIESM PLSVAEGKEV LLLVHNLPQH LFGYSWYKGE RVDGNSLIVG YVIGTQQATP GAAYSGRETI YTNASLIQN VTQNDIGFYT LQVIKSDLVN EEATGQFHVY QENAPGLPVG AVAG.

**Source** Escherichia Coli.

**Physical Appearance and Stability** 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.

**Formulation and Purity** CEACAM3 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4) and 20% glycerol. Greater than 85.0% as determined by SDS-PAGE.

**Application**

**Solubility**

**Biological Activity**

**Shipping Format and Condition** 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**