

## 32-7702: Recombinant Human CEACAM7/CGM2 (C-6His)

**Gene :** CEACAM7

**Gene ID :** 1087

**Uniprot ID :** Q14002

### Description

Source: Human Cells.

MW :13.1kD.

Recombinant Human CEACAM7 is produced by our Mammalian expression system and the target gene encoding Thr36-Phe142 is expressed with a 6His tag at the C-terminus. Carcinoembryonic Antigen-Related Cell Adhesion Molecule 7 (CEACAM7) is a member of the immunoglobulin superfamily A and CEA family. CEACAM7 localizes to the cell membrane and contains one Ig-like C2-type domain and one Ig-like V-type domain. The expression of CEACAM7 is significantly decreased in rectal cancer. Differences in CEACAM7 expression levels between long-term survivors and those with recurrent disease introduce a potential tumor marker to define a subset of patients who benefit most from adjuvant therapy.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** TNIDVVPFNVAEGKEVLLVHNSQNLGYNWKGERVHANYRIIGYVKNISQENAPGPAHNGRETIYPNGTLII QNVTHNDAGIYTLHVIKENLVNEEVTRQFYVFDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.