

32-7403: Recombinant Human CEACAM3/CD66d (C-6His)

Gene : CEACAM3

Gene ID : 1084

Uniprot ID : P40198

Description

Source: Human Cells.

MW :14.13kD.

Recombinant Human CEACAM3 is produced by our Mammalian expression system and the target gene encoding Lys35-Gly155 is expressed with a 6His tag at the C-terminus. Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3 (CEACAM3) belongs to the immunoglobulin superfamily and CEA family. CEACAM3 was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. CEACAM3 mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. In addition, it is associated with the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

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 : KLTIESMPLSVAEGKEVLLLVHNL PQHLFGYSWYKGERVDGNSLIVGYVIGTQQATPGAAYSGRETI
YTNASLLIQNVTQNDIGFYTLQVIKSDLVNEEATGQFHVYQENAPGLPVGAVAGVDHHHHHH

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 ddH₂O. 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.