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32-13143: CEACAM3 Human, Sf9

Alternative Name :	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

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3, also known as CEACAM3, is a member of the immunoglobulin super family. The genes in this family encode cell adhesion proteins, which are expressed at higher levels in tumorous tissues rather than in normal tissues. CEACAM3 plays a significant part in the clearance of pathogens through the innate immune system. In addition, CEACAM3 is accountable for RAC1 stimulation in the course of pathogen phagocytosis.
CEACAM3 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 130 amino acids (35-155a.a.) and having a molecular mass of 14.2kDa (Molecular size on SDS-PAGE will appear at approximately 13.5-18kDa).CEACAM3 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CEACAM3 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPKLTIESM PLSVAEGKEV LLLVHNLPQH LFGYSWYKGE RVDGNSLIVG YVIGTQQATP GAAYSGRETI YTNASLLIQN VTQNDIGFYT LQVIKSDLVN EEATGQFHVY QENAPGLPVG AVAGHHHHHH.