

Recombinant Rat CEACAM1 / CD66a Protein (His tag)

Cat.NO.: TP07211

3th Edition

Synonyms:CEACAM1

Description:The carcinoembryonic-antigen-related cell-adhesion molecule (CEACAM) family of proteins has been implicated in various intercellular-adhesion and intracellular-signalling-mediated effects that govern the growth and differentiation of normal and cancerous cells. CEACAM1, also known as biliary glycoprotein I (BGP I) and CD66a, is a member of the carcinoembryonic antigen (CEA) gene family which belongs to the immunoglobulin superfamily. The highly glycosylated CEACAM1 contains one N-terminal V-type Ig-like domain and three C2-type Ig-like domains within its ECD, and one ITIM motif and a calmodulin binding site in the cytoplasmic region. CEACAM1 is a surface glycoprotein expressed on various blood cells, epithelial cells, and vascular cells. It was described as an adhesion molecule mediating cell adhesion via both homophilic and heterophilic manners, and was detected on leukocytes, epithelia, and endothelia. Studies have revealed that CEACAM1 performs actions in multiple cellular processes including tissue differentiation, angiogenesis, apoptosis, metastasis, as well as the modulation of innate and adaptive immune responses.

Immune Checkpoint
Immune Checkpoint Detection: ELISA Antibodies
Immune Checkpoint Detection: IHC Antibodies
Immune Checkpoint Detection: ICC Antibodies
Immune Checkpoint Detection: FCM Antibodies
Immune Checkpoint Detection: WB Antibodies
Immune Checkpoint Proteins
Immune Checkpoint Targets
Co-inhibitory Immune Checkpoint Targets
Immunotherapy
Cancer Immunotherapy
Targeted Therapy

Form:PBS

Molecular Weight:44.9 kDa

Sequences:Met1-Ser422

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.