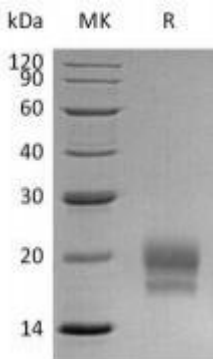


Recombinant Human CEACAM3

Catalog#:P01515 Derived from Human Cells

DESCRIPTION	<p>Recombinant Human Carcinoembryonic Antigen- Related Cell Adhesion Molecule 3 is produced by our Mammalian expression system and the target gene encoding Lys35-Gly155 is expressed with a 6His tag at the C-terminus.</p> <p>Accession#: P40198</p> <p>Known as: Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3; Carcinoembryonic Antigen CGM1; CD66d; CEACAM3; CD66D; CGM1</p>
FORMULATION	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at $<-20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at $<-20^{\circ}\text{C}$ for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100$\mu\text{g/ml}$.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass: 14.13kDa AP Mol Mass: 15-22kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p>
BACKGROUND	<p>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.</p>
 <p>SDS-PAGE</p>	