

## Carcinoembryonic Antigen-Related Cell Adhesion Molecule 21 Human

<b>Item Number</b>	rAP-2970
<b>Synonyms</b>	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 21, CEACAM3, R29124_1.
<b>Description</b>	CEACAM21 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 229 amino acids (35-240) and having a molecular mass of 25.0kDa. CEACAM21 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q3KPI0
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSWLFIA SA PFEVAEGENV HLSVYLPEN LYSYGWYKGK TVEPNQLIAA YVIDTHVRTP GPAYSGRETI SPSGDLHFQN VTLEDTGYYN LQVTYRNSQI EQASHHL- RYV ESQLAQPSIQA SSTTVTEKGS VVLTCHTNNT GTSFQWIFNN QRLQVTKRMK LSWFNHVLTI DPIRQEDAGE YQCCEVSNPVS SNRSDPLKLT VKSDDNTLG.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	The CEACAM21 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**