

Carcinoembryonic Antigen Human Recombinant, His Tag

Item Number rAP-2974

Synonyms Carcinoembryonic Antigen Related Cell Adhesion Molecule 5, Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5, Meconium Antigen 100, CEA, Carcinoembryonic Antigen, CD66e Antigen, CD66e, Carcinoembryonic antigen-related cell adhesion molecule 5, Car

Description CEA Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 659 amino acids (35-685a.a.) and having a molecular mass of 72.3kDa (Molecular size on SDS-PAGE will appear at approximately 70-150kDa). CEA is expressed with an 8 amino acids His tag at C-

Uniprot Accesion Number P06731

Amino Acid Sequence KLTIESTPFN VAEGKEVLLL VHNLQPQHLFG YSWYKGERVD GNRQIIGYVI GTQQQATPGPA YSGREIIYPN ASLLIQNIIQ NDTGFYTLHV IKSDLVNEEA TGQFRVYPEL PKPSISSLNS KPVEDKDAVA FTCEPETQDA TYLWVNNQSLP VSPRLQLS NGNRTLTFN VTRNDTASYK CETQNPVSAR RSDSVILNVL YGPDAPTISP LNTSYRSGEN LNLSCHAASN PPAQYSWFVN GTFQQSTQEL FIPNITVNNS GSYTCQAHNS DTGLNRTTVT TITVYAEPPK PFITSNNNSNP VEDEDAVALT CEPEIQNNTY LWWVNNQSLP VSPRLQLSND NRTLTLLSVT RNDVGPYECG IQNKLSVDHS DPVILNVLYG

Source Sf9, Baculovirus cells.

Physical Appearance and Stability 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.

Formulation and Purity CEA protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition 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**