

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 Accession Number	P06731
Amino Acid Sequence	KLTIESTPFN VAEGKEVLLL VHNLPQHLLFG YSWYKGERVD GNRQIIGYVI GTQQATPGPA YSGREIYPN ASLLIQNIQ NDTGFYTLHV IKSDLVNEEA TGQFRVYPEL PKPSISSNNS KPVEDKDAVA FTCEPETQDA TYLWWVNNQS LPVSPRLQLS NGNRTLTLFN VTRNDTASYK CETQNPVSAR RSDSVILNVL YGPDAPTISP LNTSYRSGEN LNLSCHAASN PPAQYSWFVN GTFQQSTQEL FIPNITVNNS GSYTCAHNS DTGLNRTT VT TITVYAEPPK PFITSNNSNP VEDEDAVALT CEPEIQNTTY LWWVNNQSLP VSPRLQLSND NRTLTLTLLSVT 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 ender users! This product is sold for **Research Use Only**