

RPPB3133

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## Product Information    Protein Information

**Product SKU:**

RPPB3133

**Accession:**

P06731

**Host:**

Sf9, Baculovirus cells.

**Protein 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-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**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, Carcinoembryonic antigen, CEA.

**Formulation:**

CEA protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

KLTIESTPFN VAEGKEVLLL VHNLPQHLFG YSWYKGERVD GNRQIIGYVI GTQQATPGPA YSGREIIPN  
ASLLIQNIIQ NDTGFYTLHV IKSDLVNEEA TGQFRVYPEL PKPSISSNNS KPVEDKDAVA FTCEPETQDA  
TYLWVWNNQS LPVSPRLQLS NGNRTLTLFN VTRNDTASYK CETQNPVSAR RSDSVILNVL YGPDAPTISP  
LNTSYRSGEN LNLSCHAASN PPAQYSWFVN GTFQQSTQEL FIPNITVNS GSYTCQAHNS DTGLNRTTVT  
TITVYAEPPK PFITSNNSNP VEDEDAVALT CEPEIQNTTY LWWVNNQSLP VSPRLQLSND NRTLTLTLLSVT  
RNDVGPYECG IQNKLSVDHS DPVILNVLVG PDDPTISPSY TTYRPGVNLS LSCHAASNPP AQYSWLIDGN  
IQHTQELFI SNITEKNSGL YTCQANNSAS GHSRTTVKTI TVSAELPKPS ISSNNSKPVE DKDAVAFTCE  
PEAQNTTYLW WVNGQSLPVS PRLQLSNGNR TLTLFNVTRN DARAYVCGIQ NSVSANRSDP VTLDVLYGPD  
TPIISPDPSS YLSGANLNLS CHSASNPSQ YSWRINGIPQ QHTQVLFIK ITPNNGTYA CFVSNLATGR  
NNSIVKSITV SASGTSPGLS ALEHHHHHH.