

RPPB2709

Product Information Protein Information

Product SKU:

RPPB2709

Accession:

P02771

Host:

Sf9, Baculovirus cells.

Protein description:

AFP produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 600 amino acids (19-609a.a.) and having a molecular mass of 67.5kDa (Molecular size on SDS-PAGE will appear at approximately 57-70kDa). AFP is expressed with a ADP at N-terminus and 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Alpha-Fetoprotein, Alpha-1-Fetoprotein, Alpha-Fetoglobulin, HPAFP, AFPD, FETA, HP, Alpha-fetoprotein.

Formulation:

AFP 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:

ADPRTLHRNEYGI ASILDSYQCT AEISLADLAT IFFAQFVQEA TYKEVSKMVK DALTAIEKPT GDEQSSGCLE
NQLPAFLEEL CHEKEILEKY GHSDCCSQSE EGRHNCFLAH KKPTPASIPL FQVPEPVTSC EAYEEDRETF
MNKFIYEIAR RHPFLYAPTI LLWAARYDKI IPSCCKAENA VECFQTKAAT VTKELRESSL LNQHACAVMK
NFGTRTFQAI TVTKLSQKFT KVNFTIQKL VLDVAHVHEH CCRGDVLDCL QDGEKIMSYI CSQQDTLSNK
ITECKLTTL ERGQCIIHAE NDEKPEGLSP NLNRFLGDRD FNQFSSGEKN IFLASFVHEY SRRHPQLAVS
VILRVAKGYQ ELLEKCFQTE NPLECQDKGE EELQKYIQES QALAKRSCGL FQKLGEYYLQ NAFLVAYTKK
APQLTSSSELM AITRKMAATA ATCCQLSEDK LLACGEGAAD IIIGHLCIRH EMTPVNPVGQ QCCTSSYANR
RPCFSSLVVD ETYVPPAFSD DKFIFHKDLC QAQGVALQTM KQEFILNLVK QKPQITEEQL EAVIADFSGL
LEKCCQGQEQ EVCFAEEGQK LISKTRAALG VHHHHHH.