9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

AFP Protein

Alpha Fetoprotein Human Recombinant
RCP0021

Product Overview

Name	AFP Protein
Description	
Alpha Fetoprotein Human Recombinant	
Accession (Primary)	P02771
Synonyms	
Alpha-Fetoprotein, Alpha-1-Fetoprotein, Alpha-Fetoglobulin, HPAFP, AFPD, FETA, HP, Alpha-fetoprotein.	
Introduction	
AFP is normally synthesized in the liver, intestinal tract, and yolk sac of the fetus. Antibody to AFP has been shown to be useful in detecting hepatocellular carcinomas (HCC) and germ cell neoplasms, especially yolk sac tumors.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
AFP protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP RTLHRNEYGI ASILDSYQCT AEISLADLAT IFFAQFVQEA TYKEVSKMVK DALTAIEKPT GDEQSSGCLE NQLPAFLEEL CHEKEILEKY GHSDCCSQSE EGRHNCFLAH KKPTPASIPL FQVPEPVTSC EAYEEDRETF MNKFIYEIAR RHPFLYAPTI LLWAARYDKI IPSCCKAENA VECFQTKAAT VTKELRESSL LNQHACAVMK NFGTRTFQAI TVTKLSQKFT KVNFTEIQKL VLDVAHVHEH CCRGDVLDCL QDGEKIMSYI CSQQDTLSNK ITECCKLTTL ERGQCIIHAE NDEKPEGLSP NLNRFLGDRD FNQFSSGEKN IFLASFVHEY SRRHPQLAVS VILRVAKGYQ ELLEKCFQTE NPLECQDKGE EELQKYIQES QALAKRSCGL FQKLGEYYLQ NAFLVAYTKK APQLTSSELM AITRKMAATA ATCCQLSEDK LLACGEGAAD IIIGHLCIRH EMTPVNPGVG QCCTSSYANR	

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RPCFSSLVVD ETYVPPAFSD DKFIFHKDLC QAQGVALQTM KQEFLINLVK QKPQITEEQL EAVIADFSGL LEKCCQGQEQ EVCFAEEGQK LISKTRAALG V HHHHHH .

Precautions

AFP Protein is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02771)