

Alpha Fetoprotein Human Recombinant

Item Number	rAP-4288
Synonyms	Alpha-Fetoprotein, Alpha-1-Fetoprotein, Alpha-Fetoglobulin, HPAFP, AFPD, FETA, HP, Alpha-fetoprotein.
Description	AFP produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 597 amino acids (19-609a.a.) and having a molecular mass of 67.3kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).
Uniprot Accession Number	P02771
Amino Acid Sequence	RTLHRNEYGI ASILDSYQCT AEISLADLAT IFFAQFVQEA TYKEVSKMVK DALTAIEKPT GDEQSSGCLE NQLPAFLEEL CHEKEILEKY GHSDCCSQSE EGRHNCFLAH KKPTPASIP FQVPEPVTSC EAYEEDRETF MNKFIYEIAR RHPFLYAPTI LLWAARYDKI IPSCCKAENA VECFQTKAAT VTKELESSL LNQHACAVMK NFGTRTFQAI TVTKLSQKFT
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	AFP 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**