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AFP, 19-609aa, Human, His tag, Insect cell

产品货号: TP01080

第三版

别名: AFPD, FETA, HPAFP

**描述:** AFP, also known as alpha-fetoprotein, is a major plasma protein produced by the yolk sac and the liver during fetal development. It is thought to be the fetal form of serum albumin. This protein binds to copper, nickel, fatty acids and bilirubin. The main function of this is to prevent the virilization of female fetuses. As it does not bind estrogen, its function in humans is less clear. Recombinant human AFP, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:** 67.3kDa (597aa) 57-70kDa (SDS-PAGE under reducing conditions)

**序列:**

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RTLHRNEYGIASILD SYQCTAEISLADLATIFFAQFVQEATYKEVSKMVKDALTAIEKPTGDEQSSGCLLENQLPAFLEELCHE  
KEILEKYGHSDCCSQSEEGRHNCFLAHKKPTPASIPLFQVPEPVTSCAYEEDRETFMNKFIYEIARRHPFLYAPTILLWAAR  
YDKIIPSCCKAENAVECFQTKAATVTKELRESSLLNQHACAVMKNFGTRTFQAITVTKLSQKFTKVNFTIEIQLVLDVAH  
VHEHCCRGDVL DCLQDGEKIMSYICSQQDTLSNKITECCKLTT LERGGCIIHAENDEKPEGLSPNLNRFLGDRDFNQFSSG  
EKNIFLASFVHEYSRRHPQLAVSVILRVAKGYQELLEKCFQ TENPLECQDKGEEELQKYIQESQALAKRSCGLFQKLGEYYL  
QNAFLVAYTKKAPQLTSELMAITRKMAATAATCCQLSEDKLLACGEGAADIIIGHLCIRHEMTPVNPVGQCCTSSYAN  
RRPCFSSLVVDETYVPPAFSDDKFIFHKDL CQAQGV ALQTMKQEFLINLVKQKPQITEEQLEAVIADFSGLLEKCCQGQEQ  
EVCFAEEGQKLISKTRAALGVHHHHHH
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**纯度:** > 95% by HPLC

**浓度:** 0.5mg/ml (determined by Absorbance at 280nm)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.