

## AFP 抗原（重组蛋白）

中文名称： AFP 抗原（重组蛋白）

英文名称： AFP Antigen (Recombinant Protein)

相关类别： 抗原

储 存： 冷冻（-20℃） 避光

### 概述

Fusion protein corresponding to a region derived from 261-609 amino acids of human AFP

### 技术规格

<b>Full name:</b>	Alpha-fetoprotein
<b>Synonyms:</b>	FETA, HPAFP
<b>Swissprot:</b>	P02771
<b>Gene Accession:</b>	BC027881
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.

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