

Recombinant Human AFP

Catalog No: #GP10001



Package Size: #GP10001-1 100ug

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Description

Product Name	Recombinant Human AFP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 260-609 amino acids of human alpha-fetoprotein
Target Name	alpha-fetoprotein
Other Names	AFPD; FETA; HPAFP
Accession No.	Swissprot:P02771Gene Accession:BC027881
Uniprot	P02771
GeneID	174;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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