

# Native Human Alpha-Fetoprotein

**Cat. No.** AFP-1180H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Native human AFP was expressed in Human Cord Blood.
<b>Species</b>	Human
<b>Source</b>	Human Cord Blood
<b>Description</b>	AFP is a major plasma protein produced by the yolk sac and the liver during fetal development that is thought to be the fetal form of serum albumin. AFP binds to copper, nickel, fatty acids and bilirubin and is found in monomeric, dimeric and trimeric forms.
<b>Form</b>	sterile filtered liquid
<b>Purity</b>	> 95% as determined by SDS-PAGE analysis
<b>Molecular Weight</b>	69 kDa
<b>Storage</b>	Stable for 2 years at 2-4°C.
<b>Pathways</b>	Direct p53 effectors; FOXA2 and FOXA3 transcription factor networks; Glucocorticoid receptor regulatory network

## GENE INFORMATION

<b>Gene Name</b>	AFP Alpha-fetoprotein [ Homo sapiens ]
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<b>Official Symbol</b>	AFP
<b>Synonyms</b>	AFP;alpha-fetoprotein; FETA; HPAFP; alpha-fetoprotein; OTTHUMP00000160480;OTTHUMP00000220440; alpha-fetoglobulin; alpha-1-fetoprotein
<b>Gene ID</b>	174
<b>mRNA Refseq</b>	NM_001134
<b>Protein Refseq</b>	NP_001125
<b>MIM</b>	104150
<b>UniProt ID</b>	P02771
<b>Chromosome Location</b>	4q11-q13
<b>Function</b>	metal ionbinding

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