

Purified Human Alpha-Fetoprotein

Cat. No. AFP-4180H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human alpha-fetoprotein purified from human cord serum.
Species	Human
Source	Human
Description	AFP is normally synthesized in the liver, intestinal tract, and yolk sac of the fetus. Antibody to AFP has been shown to be useful in detecting hepatocellular carcinomas (HCC) and germ cell neoplasms, especially yolk sac tumors.
Form	Alpha Fetoprotein protein at 2.5 mg/ml 0.1 M PBS buffer pH 7.4 containing 0.1% NaN3.
Physical Appearance	Sterile Filtered clear solution.
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

GENE INFORMATION

Gene Name	AFP alpha-fetoprotein [Homo sapiens]
Official Symbol	AFP
Synonyms	AFP; alpha-fetoprotein; FETA; HPAFP; alpha-fetoprotein; OTTHUMP00000160480;

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OTTHUMP00000220440; alpha-fetoglobulin; alpha-1-fetoprotein	
Gene ID	174
mRNA Refseq	NM_001134
Protein Refseq	NP_001125
MIM	104150
UniProt ID	P02771
Chromosome Location	4q11-q13
Pathway	Direct p53 effectors; FOXA2 and FOXA3 transcription factor networks; Glucocorticoid receptor regulatory network
Function	metal ion binding

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