

Native Human Alpha-Fetoprotein

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

SPECIFICATION

Product Overview	Native human AFP was expressed in Human Cord Blood.
Species	Human
Source	Human Cord Blood
Description	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.
Form	sterile filtered liquid
Purity	> 95% as determined by SDS-PAGE analysis
Molecular Weight	69 kDa
Storage	Stable for 2 years at 2-4°C.
Pathways	Direct p53 effectors; FOXA2 and FOXA3 transcription factor networks; Glucocorticoid receptor regulatory network

GENE INFORMATION

Gene Name	AFP alpha-fetoprotein [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	AFP
Synonyms	AFP;alpha-fetoprotein; FETA; HPAFP; alpha-fetoprotein; OTTHUMP00000160480;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
Function	metal ionbinding

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