

# Native Human Alpha FetoProtein

Cat. No. AFP-8027H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human Alpha FetoProtein was purified from Human Cord Blood.
<b>Species</b>	Human
<b>Source</b>	Human Cord Blood
<b>Description</b>	Human Alpha Fetoprotein (AFP) is a protein that is normally only produced in the fetus during its development. Human Alpha fetoprotein (AFP) measurement during pregnancy has been useful to detect certain abnormalities specifically if high levels of Human alpha-Fetoprotein (AFP) are found in amniotic fluid it can indicate a developmental defect in the baby.
<b>Form</b>	Powder, lyophilized from 0.02 M ammonium bicarbonate
<b>Molecular Mass</b>	69 kDa
<b>Purity</b>	>95% by SDS-PAGE
<b>Stability</b>	3 years
<b>Storage</b>	-20 °C

## GENE INFORMATION

**Gene Name** [AFP alpha-fetoprotein \[ Homo sapiens \]](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Official Symbol</b>	AFP
<b>Synonyms</b>	AFP; alpha-fetoprotein; HPAFP; FETA; alpha-fetoglobulin; alpha-1-fetoprotein;
<b>Gene ID</b>	174
<b>mRNA Refseq</b>	NM_001134
<b>Protein Refseq</b>	NP_001125
<b>UniProt ID</b>	P02771
<b>Chromosome Location</b>	4q11-q13
<b>Pathway</b>	Direct p53 effectors, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;
<b>Function</b>	metal ion binding;

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