

## Recombinant Human AFP Protein

Cat. No. AFP-0004H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human AFP Protein without tag was expressed in HEK293.

**Species** Human

**Source** HEK293

**Description** 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 hepatocarcinoma and with teratoma, and has prognostic value for managing advanced gastric cancer. 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.

**Applications** ELISA, CLIA, CG

**Notes** For research use only, not for use in diagnostic procedure.

**Storage** Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade. Avoid multiple freeze/thaw cycles.

 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



**Storage Buffer** Supplied as a 0.2 µm filtered solution of PBS, pH7.4

## GENE INFORMATION

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

**Official Symbol** AFP

**Synonyms** AFP; alpha-fetoprotein; HPAFP; FETA; alpha-fetoglobulin; alpha-1-fetoprotein;

**Gene ID** 174

**mRNA Refseq** NM\_001134

**Protein Refseq** NP\_001125

**MIM** 104150

**UniProt ID** P02771

 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