Alpha-fetoprotein (Afp) Recombinant Protein | Afp recombinant protein

Recombinant Rat Alpha-fetoprotein (Afp)

CATALOG #	HOST
AAA113593	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Alpha-fetoprotein (Afp); Recombinant Rat Alpha-fetoprotein (Afp); Afp recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	89-117aa; Full Length of Mature Protein
Sequence	GLPVCGETCV GGTCNTPGCT CSWPVCTRN
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Afp recombinant protein	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 hepatoma or teratoma. However, hereditary persistance 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	120044
NCBI GeneID	24177
UniProt Accession #	P02773; Q63032; Q63205
Molecular Weight	36,526 Da
NCBI Official Full Name	Alpha-fetoprotein
NCBI Official Synonym Full Names	alpha-fetoprotein
NCBI Official Symbol	Afp
NCBI Protein Information	alpha-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	**Afp**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/afp-recombinant-protein-e-coli/113593