

Product Information

Recombinant Human AFP, His tagged

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Catalog#	MK0008H
Product Name	Recombinant Human AFP, His tagged
Product Overview	Recombinant Human AFP (P02771) (Met 1-Val 609), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Description	AFP is a glycoprotein of 591 amino acids and a carbohydrate moiety belonging to the albuminoid gene superfamily. AFP is one of the several embryo-specific proteins and is a dominant serum protein as early in human embryonic life as one month, when albumin and transferrin are present in relatively small amounts.
Source	HEK293 cells
Species	Human
Tag	His
Formulation	Lyophilized from a 0.2µm filtered solution of PBS, pH 7.4.
Protein length	Met1-Val609
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant human AFP consists of 602 amino acids and has a predicted molecular mass of 67.9 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhAFP is approximately 65 kDa.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.