

32-18536: Mouse AFP Protein, His Tag

Uniprot ID : P02772

Alternative Name : Alpha-fetoprotein

Description

Description : Recombinant mouse AFP protein with C-terminal 6 Å —His tag

Background : Predicted to enable fatty acid binding activity and zinc ion binding activity. Acts upstream of or within SMAD protein signal transduction; ovulation from ovarian follicle; and progesterone metabolic process. Located in cytoplasm and extracellular space. Is expressed in several structures, including amniotic fluid; egg cylinder; gut; liver and biliary system; and metanephros. Human ortholog(s) of this gene implicated in hepatitis C. Orthologous to human AFP (alpha fetoprotein).

Molecular Characterization: mass of 66.0 kDa after removal of the signal peptide. The apparent molecular mass of mAFP-His is approximately 55-70 kDa due to glycosylation.

Tag : C-6 Å —His Tag

Product Info

Amount : 50 μg / 100 μg

Purification : The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

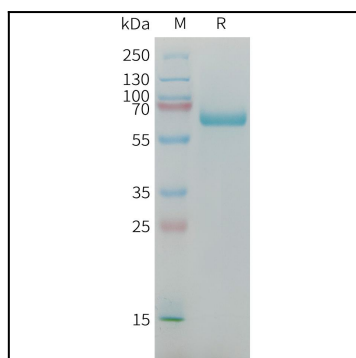


Figure 1. Mouse AFP Protein, His Tag on SDS-PAGE under reducing condition.