

## **PRODUCT INFORMATION**

**Target** AFP

**Synonyms** Alpha-fetoprotein

Recombinant mouse AFP protein with C-terminal **Description** 

6×His tag

**Delivery** In Stock **Uniprot ID** P02772 **Expression Host HEK293** 

Tag C-6×His Tag

Molecular

**Background** 

Mouse AFP(Leu21-Val605) 6×His tag Characterization

The protein has a predicted molecular mass of

66.0 kDa after removal of the signal peptide. The apparent molecular mass of mAFP-His is **Molecular Weight** 

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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). [provided by Alliance of Genome Resources, Apr 2022]

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Usage Research use only

Conjugate Unconjugated







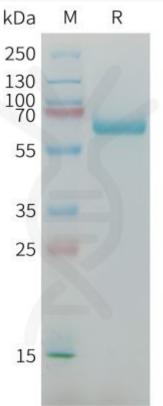


Figure 1. Mouse AFP Protein, His Tag on SDS-PAGE under reducing condition.

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