

Recombinant Alpha-fetoprotein (AFP)

Catalog No.: TP10380

100µg

Sequence Information

Species: SHEEP

Gene ID:101103646

Swiss Prot:W5PX07

Synonyms:

Residues:Met1-Val610

MKWVVSFFLLFLLNFSDRTMHKNAYGIDSILDSSPCSSGTNLVGLATIFFAQS
VQGATYEEVSRMVKDVLTVIEKPTGSEQPAGCLENQVSALFEEICHEKEIPEKY
GLSDCCSRTGEERQDCFLAHKKAAPASILPFPVPEPVTSCCKLYKENRELFINRY
IYEIARRHPVLYAPTILSVATQYNKIIPHCKAENATECFETKVISITKELRES
SLLNQHICAVMGKFGPRTFRAITVTKVSQKFPKANFTEIQKLMDVAHIHEECC
KGNVLECLQDGERVMYSYVCSQQDILSRQIAECCKLPTTLELGHCIIHAENDDKP
EGLSPNVNRFGLGERDFNQLSSRDKDLSEMARFTYEYSRRHTKLAVPIILRVAKGY
QELLEKCSQSENPSQCQDKGEELEKYIQESQALAKRSCGLFQKLGEYYLQNAF
LVAYTKKAPQLTSPELMALTRKMANAGAVCCHLSEDKQLACGEGLADLIIGHLC
IRHEENPINPGVDQCCTSSYSNRRPCFSSLVDETYVPPPFSDDKFIFHKDLCQ
VQGVPLQTMKQQFLINLVKQKPQITEEQLETVVADFSGLLKCCQSQEVEVCFT
EEGPALISKTRAALGV

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His and SUMO Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.0

Predicted Molecular Mass: 84.6kDa

Accurate Molecular Mass: 85kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

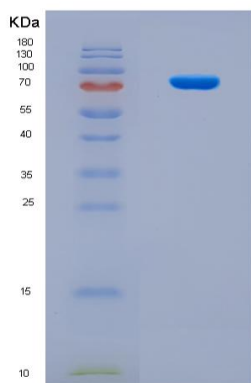


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.