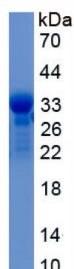
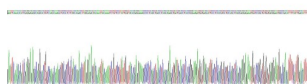


Mouse Alpha Fetoprotein (AFP) Protein

Catalogue No.: abx065265



SDS-PAGE analysis of recombinant Mouse Alpha-Fetoprotein (aFP) Protein.



Gene sequencing extract of recombinant Mouse Alpha-Fetoprotein (aFP) Protein.

Mouse Alpha-Fetoprotein (aFP) Protein is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Alpha Fetoprotein (AFP)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 80%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Datasheet

Version: 5.0.0
Revision date: 05 Jun 2025



Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P02772 (UniProt , ExPASy)
KEGG:	mmu:11576
String:	10090.ENSMUSP00000041006
Molecular Weight:	<p>Calculated MW: 29.7 kDa Observed MW (SDS-PAGE): 33 kDa</p> <p>Possible reasons why the actual band size differs from the predicted band size:</p> <ol style="list-style-type: none">1. Splice variants. Alternative splicing may create different sized proteins from the same gene.2. Relative charge. The composition of amino acids may affect the charge of the protein.3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Lys399-Val605
Sequence:	KH IEESQALSKQ SCALYQTLGD YKLQNLFLIG YTRKAPQLTS AELIDLTGKM VSIASTCCQL SEEKWSGCGE GMADIFIGHL CIRNEASPVN SGISHCCNSS YSNRRLCITS FLRDETYAPP PFSEDKFIFH KDLCQAQGKA LQTMKQELLI NLVKQKPELT EEQLAAVTAD FSGLLEKCKK AQDQEVCFTE EGPKLISKTR DALGV
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 250 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.