

Datasheet for ABIN7320937

alpha Fetoprotein Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	alpha Fetoprotein (AFP)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This alpha Fetoprotein protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse AFP Protein (His Tag)
Sequence:	Tyr273-Val605
Characteristics:	A DNA sequence encoding the Mouse AFP (P02772-1) (Tyr273-Val605) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>85 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Immunogen(E-AB-40293)

Target Details

Target:	alpha Fetoprotein (AFP)
Alternative Name:	AFP (AFP Products)
Background:	Background: This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk

Target Details

sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.

Synonym: Afp,AFP,Alpha fetoglobulin,Alpha fetoprotein,Alpha fetoprotein precursor,Alpha-1-fetoprotein,Alpha-fetoglobulin,Alpha-fetoprotein,alpha-fetoprotein,Hereditary persistence of,included,FETA,FETA,Hereditary persistence of alpha fetoprotein,HPAFP

Molecular Weight:	25.9kDa
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Pathways:	C21-Steroid Hormone Metabolic Process
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Application Details

Restrictions:	For Research Use only
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Handling

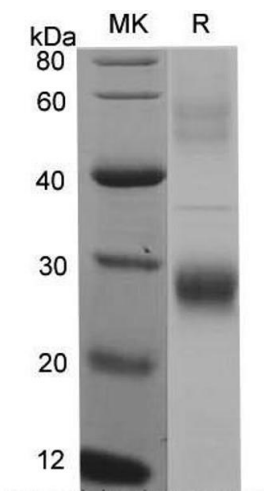
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.