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Datasheet for ABIN7505469

alpha Fetoprotein Protein (AA 25-212) (His tag)

Overview

Quantity:	100 µg
Target:	alpha Fetoprotein (AFP)
Protein Characteristics:	AA 25-212
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This alpha Fetoprotein protein is labelled with His tag.

Product Details

Sequence:	Arg25-Ala212
Characteristics:	A DNA sequence encoding the Rat Alpha-fetoprotein (P02773-1) (Arg25-Ala212) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 80 % as determined by reducing SDS-PAGE.

Target Details

Target:	alpha Fetoprotein (AFP)
Abstract:	AFP Products
Background:	Abbreviation: Alpha-fetoprotein Target Synonym: Afp,AFPD,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

Target Details

Background: Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2 %) of the human AFP shows estrogen-binding properties.

Molecular Weight: Calculated MW: 20.88 kDa
Observed MW: 23.18 kDa

UniProt: [P02773-1](#)

Pathways: [C21-Steroid Hormone Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

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.

Expiry Date: 12 months