

Datasheet for ABIN7318508 **FAH Protein (His tag)**

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	FAH
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAH protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Fumarylacetoacetase/FAH Protein (His Tag)
Sequence:	Ser2-Ser419
Characteristics:	Recombinant Human Fumarylacetoacetase is produced by our Mammalian expression system and the target gene encoding Ser2-Ser419 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FAH
Alternative Name:	Fumarylacetoacetase/FAH (FAH Products)
Background:	Background: Fumarylacetoacetase belongs to the FAH family. Fumarylacetoacetase is primary expressed in liver and kidney. It exists as a homodimer and catalyzes the hydrolysis of 4-fumarylacetoacetate into fumarate and acetoacetate. Defects in Fumarylacetoacetase cause

Target Details

tyrosinemia type 1, which is congenital metabolism defect characterized by elevated levels of tyrosine in the blood and urine, and hepatorenal manifestations. Typical features include renal tubular injury, self-mutilation, hepatic necrosis, episodic weakness, and seizures.

Synonym: Fumarylacetoacetase, FAA, Beta-Diketonase, Fumarylacetoacetate Hydrolase, FAH

Molecular Weight: 47.4 kDa

UniProt: [P16930](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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.