Recombinant Human Fumarylacetoacetase/FAH Protein(C-6His)

Cat.NO.: TP06128

3th Edition

Synonyms: Fumarylacetoacetase; FAA; Beta-Diketonase; Fumarylacetoacetate Hydrolase; FAH

Description: 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 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.

Form:PBS

Molecular Weight:47.4 kDa

Sequences: Ser2-Ser419

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.