Recombinant Human FAH protein, His-tagged

Cat. No. FAH-1631H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAH aa. (Ile40~Leu195 (Accession # P16930)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile40~Leu195
Description	This gene encodes the last enzyme in the tyrosine catabolism pathway. FAH deficiency is associated with Type 1 hereditary tyrosinemia (HT).
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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	than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.2

GENE INFORMATION

Gene Name	FAH fumarylacetoacetate hydrolase [Homo sapiens (human)]
Official Symbol	FAH
Synonyms	FAH; fumarylacetoacetate hydrolase; fumarylacetoacetase; FAA; beta-diketonase; fumarylacetoacetate hydrolase (fumarylacetoacetase)
Gene ID	2184
mRNA Refseq	NM_000137.2
Protein Refseq	NP_000128.1
UniProt ID	P16930

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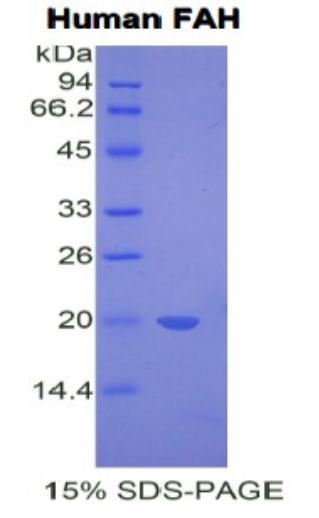
SDS-PAGE	

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