

Recombinant Human FAH, GST-tagged

Cat. No. FAH-86H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human FAH(1 a.a. - 419 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.

Species Human

Source Wheat Germ

Description This gene encodes the last enzyme in the tyrosine catabolism pathway. FAH deficiency is associated with Type 1 hereditary tyrosinemia (HT).

Molecular Mass 72.8 kDa

AA Sequence

MSFIPVAEDSDFPIHNLPGYVFSTRGDPRPRIGVAIGDQILDLSIIKHLFTGPVLSKHQ
DVFNQPTLNSFMGLGQ AAWKEARVFLQNLLSVSQARLRDDTELKCAFISQASAT
MHLPATIGDYTDFYSSRQHATNVGIMFRDKENALMP NWLHLPVGYHGRASSVVVS
GTPIRRPMGQMKPDDSKPPVYGACKLLDMELEMAFFVGPNGRLGEPPIPKAHEHI
FGMVLMDWSARDIQKWEYVPLGPFGLKSFSGTTVSPWVVPMDALMPFAVPNPKQ
DPRPLPYLCHDEPYTFDINLS VNLKGEGMSQAATICKSNFKYMYWTMLQQLTHHSV
NGCNLRPGDLLASGTISGPEPENFGSMLELSWKGTKPIDL GNGQTRKFLLDGDEVII
TGYCQGDGYRIGFGQCAGKVL PALLPS

Applications ELISA; WB-Re; AP; Array

Notes Best use within three months from the date of receipt of this protein.

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Storage Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name FAH fumarylacetoacetate hydrolase (fumarylacetoacetase) [Homo sapiens (human)]

Official Symbol FAH

Synonyms FAH; fumarylacetoacetate hydrolase (fumarylacetoacetase); fumarylacetoacetase; FAA; beta-diketonase; FLJ51912

Gene ID 2184

mRNA Refseq NM_000137

Protein Refseq NP_000128

MIM 613871

UniProt ID P16930

Chromosome Location 15q25.1

Pathway Metabolism of amino acids and derivatives; Phenylalanine and tyrosine catabolism; Tyrosine degradation, tyrosine => homogentisate

Function fumarylacetoacetase activity; metal ion binding

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