

Recombinant Human FAH Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FAH-3019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAH MS Standard C13 and N15-labeled recombinant protein (NP_000128) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the last enzyme in the tyrosine catabolism pathway. FAH deficiency is associated with Type 1 hereditary tyrosinemia (HT).
Molecular Mass	46.4 kDa
AA Sequence	MSFIPVAEDSDFPIHNLPGYGFSTRGDPRPRIGVAIGDQILDLSIIKHLFTGPVLSKHQ DVFNQPTLNSFMGLGQAAWKEARVFLQNLLSVSQARLRDDTELKRCAFISQASATM HLPATIGDYTDFYSSRQHATNVGIMFRDKENALMPNWLHLPVGYHGRASSVVVSGT PIRRPMGQMKPDDSKPPVYGACKLLDMELEMAFFVGPGRNLGEPPIPSKAHEHIFGM VLMNDWSARDIQKWEYVPLGPFGLKSFSGTTVSPWVVPMDALMPFAVPNPKQDPRP LPYLCHDEPYTFDINLSVNLKGEQMSQAATICKSNFKYMYWTMLQQLTHHSVNGCN LRPGDLLASGTISGPEPENFGSMLELSWKGTKPIDLGNGQTRKFLLDGDEVIITGYC QGDGYRIGFGQCAGKVLPAALLPSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [FAH fumarylacetoacetate hydrolase \[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](#)

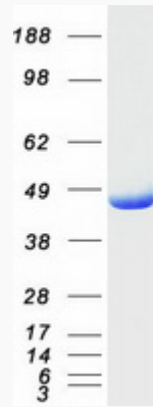
UniProt ID [P16930](#)

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SDS-PAGE



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