

Product datasheet for **TP300388M**

Fumarylacetoacetate hydrolase (FAH) (NM_000137) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fumarylacetoacetate hydrolase (fumarylacetoacetase) (FAH), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC200388 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSFIPVAEDSDFPIHNLPGYVFSTRGDPRPRIGVAIGDQILDLSIIKHLFTGPVLSKHQDVFNQPTLNSF
MGLGQAAWKEARVFLQNLSSVSQARLRDDTELKCAFISQASATMHLPATIGDYTFYSSRQHATNVGIM
FRDKENALMPNWLHLPVGYHGRASSVWSGTPIRRPQMGMKPDSSKPPVYGACKLLDMELEMAFFVGP
RLGEPPIPKAHEHIFGMVLMNDWSARDIQKWEYVPLGPFGLKSGFTTVSPWVVPMDALMPFAVPNPKQD
PRPLPYLCHDEPYTFDINLSVNLKGEQMSQAATICKSNFKYMYWTMLQQLTHHSVNGCNLRPGDLLASGT
ISGPEPENFGSMLELSWKGTKPIDLGNQTRKFLLDGDEVIITGYCQGDGYRIGFGQCAGKVL PALLPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000128



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Locus ID: 2184

UniProt ID: [P16930](#), [A0A384P5L6](#)

RefSeq Size: 1810

Cytogenetics: 15q25.1

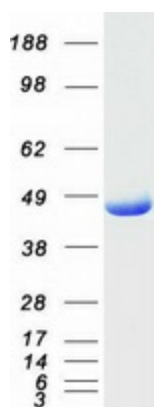
RefSeq ORF: 1257

Summary: This gene encodes the last enzyme in the tyrosine catabolism pathway. FAH deficiency is associated with Type 1 hereditary tyrosinemia (HT). [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Tyrosine metabolism

Product images:



Coomassie blue staining of purified FAH protein (Cat# [TP300388]). The protein was produced from HEK293T cells transfected with FAH cDNA clone (Cat# [RC200388]) using MegaTran 2.0 (Cat# [TT210002]).