

Product datasheet for TP317597M

FAHD1 (NM_031208) Human Recombinant Protein

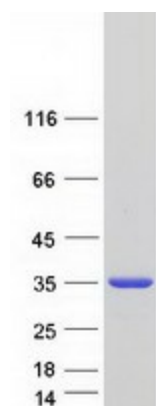
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fumarylacetoacetate hydrolase domain containing 1 (FAHD1), nuclear gene encoding mitochondrial protein, transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217597 representing NM_031208 <div> <div>Red</div>=Cloning site <div>Green</div>=Tags(s) </div> <p> MGIMAASRPLSRFEWGWGKNIVCVGRNYADHVREMRSAVLSEPVFLFKPSTAYAPEGSPILMPAYTRNLHH EELGVVMGKRCRAVPEAAAMDYVGGYALCLDMTARDVQDECKKKGLPWTLAKSFTASCPVSAFVPKEKI PDPHKLKLWLKVNGLRQEGETSSMIFSIPYIISYVSKIITLEEGDIILTGTPKGVGVPKENDEIEAGIH GLVSMTFKVEKPEY </p> <p> <div>TR</div> <div>TRPLEQKLISEEDLAANDILDYKDDDDKV</div> </p>
Tag:	C-Myc/DDK
Predicted MW:	24.7 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:	<u>NP_112485</u>
Locus ID:	81889


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UniProt ID:	<u>Q6P587</u>
RefSeq Size:	1706
Cytogenetics:	16p13.3
RefSeq ORF:	672
Synonyms:	C16orf36; YISKL
Summary:	Probable mitochondrial acylpyruvase which is able to hydrolyze acetylpyruvate and fumarylpyruvate in vitro (PubMed:15551868, PubMed:21878618). Also has oxaloacetate decarboxylase activity (PubMed:25575590).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FAHD1 protein (Cat# [TP317597]). The protein was produced from HEK293T cells transfected with FAHD1 cDNA clone (Cat# [RC217597]) using MegaTran 2.0 (Cat# [TT210002]).