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Product datasheet for PH317597

FAHD1 (NM_031208) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAHD1 MS Standard C13 and N15-labeled recombinant protein (NP_112485)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217597
Predicted MW:	24.7 kDa
Protein Sequence:	>RC217597 representing NM_031208 Red=Cloning site Green=Tags(s) MGIMAASRPLSRFWEWGKNIVCVGRNYADHVREMRSAVLSEPVLFLKPSTAYAPEGSPILMPAYTRNLHH ELELGVVMGKRCRAVPEAAAMDYVGGYALCLDMTARDVQDECKKKGLPWTLAKSFTASCPVSAFVPKEKI PDPHKLKLWLKVNGELRQEGETSSMIFSIPYIISYVSKIITLEEGDIILTGTPKGVGPVKENDEIEAGIH GLVSMTFKVEKPEY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_112485
RefSeq Size:	1706
RefSeq ORF:	672
Synonyms:	C16orf36; YISKL
Locus ID:	81889
UniProt ID:	Q6P587

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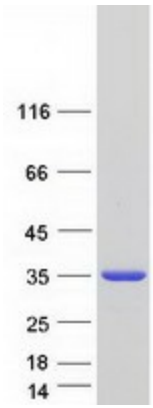
Cytogenetics: 16p13.3

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]).