

Product datasheet for PH317126

AFMID (NM_001010982) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AFMID MS Standard C13 and N15-labeled recombinant protein (NP_001010982)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217126
Predicted MW:	33.8 kDa
Protein Sequence:	>RC217126 representing NM_001010982 Red =Cloning site Green =Tags(s) MMDVSGVGFPSKVPWKKMSAEELNQYCP SRWVRLGAEALRTYSQIGIEATTRARATRKSLLHVPYGD GEGEKVDIYFPDESSEALPFFLFFHGGYWQSGSKDESAFMVHPLTAQGVAVVIVAYGIAPKGTLDHMVDQ VTRSVAFVQKRYPSNKG IYLCGHSAGAHLAAMMLLADWTKHGVTPLNRGFFLVSGVFDLEPIVYTSQNVA LQLTLEDAQRNSPQLKVAQAQPVDP TCRVLVVVGQFDSPEFHRQSWEFYQTL CQGEWKASFEELHDVDHF EIVENLTQKDNVLTQIILKTIFQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001010982
RefSeq Size:	1820
RefSeq ORF:	1268
Synonyms:	FKF; KF; KFA
Locus ID:	125061



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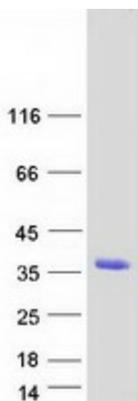
UniProt ID: [Q63HM1](#)

Cytogenetics: 17q25.3

Summary: Catalyzes the hydrolysis of N-formyl-L-kynurenine to L-kynurenine, the second step in the kynurenine pathway of tryptophan degradation. Kynurenine may be further oxidized to nicotinic acid, NAD(H) and NADP(H). Required for elimination of toxic metabolites. [UniProtKB/Swiss-Prot Function]

Protein Pathways: Glyoxylate and dicarboxylate metabolism, Metabolic pathways, Tryptophan metabolism

Product images:



Coomassie blue staining of purified AFMID protein (Cat# [TP317126]). The protein was produced from HEK293T cells transfected with AFMID cDNA clone (Cat# [RC217126]) using MegaTran 2.0 (Cat# [TT210002]).