

Product datasheet for **TP317126M**

AFMID (NM_001010982) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human arylformamidase (AFMID), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217126 representing NM_001010982 Red =Cloning site Green =Tags(s)
	 MMDVSGVGFPSKVPWKKMSAELENQYCPSRWVRLGAEALRTYSQIGIEATTRARATRKSLLHVPYGD GEGEKVDIYFPDESSEALPFFLFFHGGYWQSGSKDESAFMVHPLTAQGVAVVIVAYGIAPKGTLDHMVDQ VTRSVAFVQKRYPSNKGIYLCGHSAGAHLAAMMLLADWTKHGVTPLNLRGFFLVSGVFDLEPIVYTSQNVA LQLTLEDAQRNSPQLKVAQAQPVDPTCRVLVWVGQFDSPEFHRQSWEFYQTLTCQGEWKASFEELHDVDHF EIVENLTQKDNVLTQIILKTIFQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	33.8 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_001010982</u>
Locus ID:	125061



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UniProt ID: [Q63HM1](#)

RefSeq Size: 1820

Cytogenetics: 17q25.3

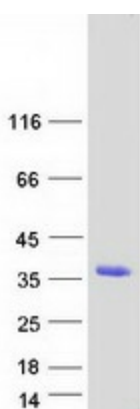
RefSeq ORF: 1268

Synonyms: FKF; KF; KFA

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]).