

## Product datasheet for TP317126

### AFMID (NM\_001010982) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human arylformamidase (AFMID), transcript variant 1, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC217126 representing NM\_001010982  
Red=Cloning site Green=Tags(s)

MMDVSGVGFPSKVPWKKMSAELENQYCPSRWVRLGAEALRTYSQIGIEATTRARATRKSLLHVPYGD  
GEGEKVDIYFPDESSEALPFFLFFHGGYWQSGSKDESAFMVHPLTAQGVAVVIVAYGIAPKGTLDHMVDQ  
VTRSVAFVQKRYPSNKGIYLCGHSAGAHLAAMMLLADWTKHGVTNLRGFFLVSGVFDLEPIVYTSQNVA  
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:** [NP\\_001010982](#)

**Locus ID:** 125061



[View online »](#)

UniProt ID: [Q63HM1](#)

RefSeq Size: 1820

Cytogenetics: 17q25.3

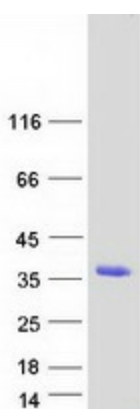
RefSeq ORF: 1268

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]).