

Product datasheet for **TP760832**

AFMID (NM_001010982) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human arylformamidase (AFMID), transcript variant 2, full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length AFMID
Tag:	N-His
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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
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
UniProt ID:	Q63HM1
RefSeq Size:	1820
Cytogenetics:	17q25.3
RefSeq ORF:	1268
Synonyms:	FKF; KF; KFA



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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:

