

## Product datasheet for **TP504269**

### Afmid (NM\_027827) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse arylformamidase (Afmid), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204269 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAFPSLSAGQNPWRNLSSEELEKQYSPSRWVIHTKPEEVVGNFVQIGSQATQKARATRRNQLDVPYGDGE  
GEKLDIYFPDEDSKAFPLFLFLHGGYWQSGSKDDSAFMVNPLTAQGIVVIVAYDIAPKGTLDQMVDQVT  
RSVFLQRRYPSNEGIYLCGHSAGAHLAAMVLLARWTKHGVTPNLQGFLLVSGIYDLEPLIATSQNDPLR  
MTLEDAQRNSPQRHLDVPAQPVPAPCPVLVLVGQHDSPEFHRQSKEFYETLLRVGWKASFQQLRGVDHF  
DIIENLTREDDVLTQIILKTVFQKL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	34.2 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
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 after receiving vials.
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:	<a href="#">NP_082103</a>
Locus ID:	71562
UniProt ID:	<a href="#">Q8K4H1</a>



[View online »](#)

RefSeq Size: 2332

Cytogenetics: 11 E2

RefSeq ORF: 918

Synonyms: 9030621K19Rik; Ammd; FKF; formylase; 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]