

## Product datasheet for **TP504234**

### MgII (NM\_011844) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse monoglyceride lipase (MgII), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204234 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPEASSPRRTPQNVPYQDLPHLVNADGQYLFCRYWKPSGTPKALIFVSHGAGEHCGRYDELAHMLKGLDM  
LVFAHDHVGHGQSEGERMVVSDFQVFVRDVLQHVDTIQKDYPDVPIFLLGHSMGGAISILVAAERPTYFS  
GMVLISPLVLANPESASTLKVLAALKLLNFVLPNMTLGRIDSSVLSRNKSEVDLYNSDPLVCRAGLKVCFG  
IQLLNAVARVERAMPRLTLPFLLLQGSADRLCDSKGAYLLMESSRSQDKTLKMYEGAYHVLHRELPEVTN  
SVLHEVNSWVSHRIAAAGAGCPP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	33.4 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_035974</a>
Locus ID:	23945
UniProt ID:	<a href="#">Q35678</a>



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RefSeq Size: 3676

Cytogenetics: 6 D1

RefSeq ORF: 912

Synonyms: AA589436; Ma; MagI; Mgl

**Summary:** This gene encodes a monoglyceride lipase, which catalyzes the hydrolysis of monoglycerides into fatty acids and glycerol. This enzyme is also thought to hydrolyze the endocannabinoid 2-arachidonoylglycerol. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]