

Product datasheet for **TP508364**

Gpt2 (NM_173866) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutamic pyruvate transaminase (alanine aminotransferase) 2 (Gpt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208364 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQRAAVLVRRGSCPRASGPWGRSHSSAAAEASAALKVRPERSPRDRILTLESMPNPQVKAVEYAVRGPVIL KAGEIEMELQRGIKPFTEVIRANIGDAHMGQQPITFLRQVMALCTYPNLLNSPSFPEDAKKRARRILQ ACGGNSLGSYSASQGVNCIREDVAAFITRRDGPADPDNIYLTGASDGISTILKLLVSGGGKSRTGVMI PIQYPLYSAVISELDAVQVNYLDEENCWALNVDLRRALWQAKDHCDPKVLCIINPGNPTGQVQSRKC IEDVIHFAWEEKLFLLADEVYQDNVYSPDCRFHSFKKVLQMGHEYSSNVELASFHSTSKGYMGECGYRG GYMEVINLHPEIKGQLVKLLSVRLCPPVSGQAAMDIVVNPPEPGEESFEQFSREKEFVLGNLAKKAKLTE DLFNQVPGIQCNPPLQGAMYAFPRILIPAKAVEAAQSHKMAPDMFYCMKLEETGICVVPVSGSGFGQREGTY HFRMTILPPVDKDKLTVLHKVKDFHLKFLEQYS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	58 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:	<u>NP_776291</u>



[View online »](#)

Locus ID:	108682
UniProt ID:	Q8BGT5
RefSeq Size:	3596
Cytogenetics:	8 C3
RefSeq ORF:	1569
Synonyms:	4631422C05Rik; ALT2; AU014768; AU041193; C87201
Summary:	Catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate.[UniProtKB/Swiss-Prot Function]