

## Product datasheet for TP506504

### Agxt (NM\_016702) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse alanine-glyoxylate aminotransferase (Agxt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206504 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MFRMLAKASVTLGSRAAGWVRTMGSYQLLVPPPEALSKPLSVPTRLLLGPGPSNLAPRVLAAGSLRMIGH  
MQKEMLQIMEEIKQGIQYVFQTRNPLTLVSGSGHCAMETALFNLLPGDSFLTGTNGIWGMRAAEIADR  
IGARVHQMIKKPGEHYTLQEVEEGLAQHKPVLLFLVHGESSTGVVQPLDGFGLCHRYQCLLLVDSVASL  
GGVPIYMDQQGIDIMYSSSQKVLNAPPGISLISFNDKAKYKVYSRKT KPVSFYTDITYLAKLWGCEGETR  
VIHHTTPVTSLYCLRESLALIAEQGLENCWRRHREATAHLHKHLQEMGLKFFVKDPEIRLPTITTVTPVA  
GYNWRDIVSYVLDHFSIEISGGLGPTTEERVLRIGLLGYNATTENVDRVAEALREALQHCPKNKL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	45.9 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_057911</a>
Locus ID:	11611
UniProt ID:	<a href="#">Q35423</a> , <a href="#">Q3UEN9</a>



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<b>RefSeq Size:</b>	1553
<b>Cytogenetics:</b>	1 47.0 cM
<b>RefSeq ORF:</b>	1245
<b>Synonyms:</b>	AGT; Agt1; Agxt1; SPT
<b>Summary:</b>	Dual metabolic roles of gluconeogenesis (in the mitochondria) and glyoxylate detoxification (in the peroxisomes).[UniProtKB/Swiss-Prot Function]