

## Product datasheet for TP515212

### GIs (NM\_001113383) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutaminase (GIs), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215212 representing NM_001113383 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MMRLRGSAMLRELLRPPAAVGAFLRRAQPLGTLCCRPRGGSRPAGLVAAARLHPWWGGGGRAKGPGAG GLSSSPSEILQELGKGGTPPQQQQQQQPGASPPAAPGPKDSPGETDAFGNSEGKEMVAAGDNKIKQGL LPSLEDLLFYTIAEGQEKIPVHKFITALKSTGLRTSDPRLKECMDMLRRTLQTSDGVMLDKDLFKKCVQ SNIVLLTQAFRRKFVIPDFMSFTSHIDELYESAKKQSGGKVADYIPQLAKFSPDLWGVSVCTVDGQRHSI GDTKVPFCLQSCVKPLKYAIAVNDLGTEYVHRYVGKEPSGLRFNKLFLNEDDKPHNPMVNAGAIWVTSLI KQGVNNAEKFDYVMQFLNKMAGNEYVGFSNATFQSERESGDRNFAIGYYLKEKKCFPEGTDMVGILDFYF QLCSIEVTCESASVMAATLANGGFCPITGERVLSPEAVRNTLSLMHSCGMDFSGQFAFHVGLPAKSGVA GGILLVVPNVMGMMCWSPPLDKMGNSVKGIHFCHDLVSLCNFHNNDLNRHFPAKLDPRREGGDQRHSFGP LDYESLQQELALKDVTWKKVSPSSDDTSTTVYRMESLGRS</p> <p><b>SGPTRRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	66 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.



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RefSeq:	<u>NP_001106854</u>
Locus ID:	14660
UniProt ID:	<u>D3Z7P3</u>
RefSeq Size:	4419
Cytogenetics:	1 26.86 cM
RefSeq ORF:	1812
Synonyms:	6330442B14; AI314027; B230365M23Rik
Summary:	Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate in the brain.[UniProtKB/Swiss-Prot Function]