

## Product datasheet for **TP509146**

### Gad2 (NM\_008078) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutamic acid decarboxylase 2 (Gad2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209146 representing NM_008078 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MASPGSGFWSFGSEDGSADPENPGTARAWCQVAQKFTGGIGNKLCALLYGDSGKPAEGGGSVTSRAATGK VACTCDQKPCNCPKGDVNYAFLHATDLLPACDGERPTLAFLQDVMNILLQYVVKSFDRSTKVIDFHYPNE LLQEYNWELADQPQNLEEILTHCQTTLKYAIKTHPRYFNQLSTGLDMVGLAADWLTSTANTNMFTYEIA PVFVLLLEVTLKMKREIIGWPGGSGDGIFSPGGAISNMYAMLIARYKMFPEVKEKGMAAVPRLIAFTSEH SHFSLKKGAAALGIGTDSVILIKCDERGMIPSDLERRILEVKQKGFVPLVSATAGTTVYGAFDPLLAV ADICKKYKIWMHVDAAWGGGLLSRKHKWKLSGVERANSVTWNPBKMMGVPLQCSALLVREEGLMQSCNQ MHASYLFQQDKHYDLSYDTGDKALQCGRHVDVFKLWLMWRKAGTTGFEAHIDKCLELAEYLYTIKREG YEMVFDGKQPHTNVCFWFVPPSLRTLEDNEERMSRLSKVAPVIKARMMMEYGTMMVSYQPLGDKVNFRRMV ISNPAATHQDIDFLIEEIERLGQDL  <b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	65.7 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: [NP\\_032104](#)  
Locus ID: 14417  
UniProt ID: [P48320](#), [Q548L4](#)  
RefSeq Size: 5625  
Cytogenetics: 2 15.15 cM  
RefSeq ORF: 1755  
Synonyms: 6330404F12Rik; GAD(65); Gad-2; GAD65  
Summary: Catalyzes the production of GABA.[UniProtKB/Swiss-Prot Function]