

## Product datasheet for TP509351

### Qars (NM\_001168270) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutaminyl-tRNA synthetase (Qars), transcript variant 2, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209351 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTEVLHLLGPKMEADLVKKPKVAKARLEETDRKTAKDWEKGEVAGQTLSLMEQLRGEALKFHKPGENYK  
TPGYVITPYTMDLLKQHLEITGGQVRTRFPPEPNGILHIGHAKAINFNFGYAKANNICFLRFDDTNPEK  
EEAKFFTAIYDMVTWLGYPYKVTYASDYFDQLYAWAVELIHGGLAYVCHQRVEELKGHNPLPSPWRDRP  
KEESLLLFEAMRKGKFAEGEATLRMKLVMEDGKMDPVAYRVKYTPHHRRTGDKWCIYPTYDYTHCLCDSIE  
HITHSLCTKEFQARRSSYFWLCNALKVYCPVQWEYGRNLNLHYAVVSKRKILQLVAAGAVRDWDDPRLFTL  
TALRRRGFPPEAINNF CARVGTVAQTTMEPHLLEACVRDVLNDAAPRAMAVLEPLQVITNFPAPKPLD  
IRVFNPADET KGFHQVPFASTVFIERSDFKEESEPGYKRLASGQPVGLRHTGYVIELQNIVRGSSGCV  
RLEVTCRRADAGEKPKAFIHWVSQPLVCEIRLYECLFQHKNPEDPVEVPGGFLSDLNPASLQVVEGALVD  
CSVALAKPFDKQFERLGYFSVDPDSHQGQIVFNRTVTLKEDPGKI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	68.8 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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Locus ID: 97541  
UniProt ID: [Q8BML9](#)  
RefSeq Size: 2155  
Cytogenetics: 9 F2  
RefSeq ORF: 1821  
Synonyms: 1110018N24Rik; 1200016L19Rik; C80286; GLNRS  
Summary: Glutamine--tRNA ligase. Plays a critical role in brain development.[UniProtKB/Swiss-Prot Function]