

Product datasheet for **TP520590**

Nags (NM_145829) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-acetylglutamate synthase (Nags), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220590 representing NM_145829 Red =Cloning site Green =Tags(s)

MATAWVATALRSAAAARRLRSPGGPGGSRRLSGSARRRGAKSASPGRRLLSTARAHAEDAEGAKGRVQSPA
VEEPSWTPLPTPLESPAPPAGRSLVQRDIQAFLNQCGASPGEARHWLTQFQTCYHSVDKPFVMEVDEEV
IRCPQAVSRLAFALAFQRMMDKPLVVLGLPTPTAPSGCLSFWEAKAQLAQCKVLVDELRHNAATAVPF
FGGGSVLSAAEPAPHASYGGIVAVETDLLQWCLESNSIPILCPIGETAARRSVLLDSLEVTASLAKALQP
TKIIFLNNSGGLRNNSQKILSNVNLPADLDLVTNAEWLSIKERQQIRLIVDVLRLPHYSSAVITAASTL
LTEFSNKGCGLFKNAERMLRVRNLDLQGRVNLVNASFGKKLREDYLESLRPLRHSIYVSEGYNAA
AILTVEPVLGGTPYLDKFWSSSRQGGSGQMLWECLRRDLQTLFWRSRVTNPINPWYFKHSDGFSFNKQ
WIFFWGLADIRDSYELVNHAKGLPDSFCKPASDPGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	57.5 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_665828</u>



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Locus ID: 217214

UniProt ID: [Q8R4H7](#)

RefSeq Size: 2122

Cytogenetics: 11 D

RefSeq ORF: 1581

Synonyms: 1700120E20Rik; argA

Summary: Plays a role in the regulation of ureagenesis by producing the essential cofactor N-acetylglutamate (NAG), thus modulating carbamoylphosphate synthase I (CPS1) activity. [UniProtKB/Swiss-Prot Function]