

Product datasheet for TP510307

Nadsyn1 (NM_030221) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NAD synthetase 1 (Nadsyn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210307 protein sequence Red=Cloning site Green=Tags(s)

MGRKVTVATCALNQWALDFEGNFQRILKSIQIAKGGKARYRLGPELEICGYGCWDHYHESDTLLHSLQVL
AALLDSPVTQDIICDVGMPIMHRNVRYNCRVIFLNRKILLIRPKMALANEGNYRELRFWTPWTRSRQTEE
YVLPRLQDLTKQKTVPGDVVLATQDTCVGSEICEELWTPRSPHVDMLDGVVEITNASGSHHVLKRAH
TRVDLVTMATSKNGGIYLLANQKGCDDRLYDGCAMIAMNGSIFAQGTQFSLDDVEVLTATLDLEDVRS
YRAEISSRNLEATRVSPYPRVTDFALSSEDLEPVSEPIEWYHRPEEEISLGPACWLWDFLRRSKQA
GFFLPLSGGVDSAASACIVYSMCCLVCDAVKSGNQVLTQVNLVDESSYTPQDPRELCGRLLTTCYMAS
ENSSQETHSRATKLAQLIGSYHINLSIDTAVKAVLGIFSLVTGKLPFSAHGGSSRENALQNVQARIRM
VLAYLFAQLSLWSRGARGSLLVLSANVDESLLGYLTKYDCSSADINPIGGISKTDLRAFVQFCAERFQL
PVLQTLISAPATAELEPLADGQVSQMDEEDMGMTYAELSIFGRLRKVAKAGPYSMFCKLLNMWRDSYTP
QVAEKVKLFFSKYSMNRHKMTTLTPAYHAENYSPDDNRFDLRPFLYNTRWPWQFLCIDNQVLQLERKASQ
TREEQVLEHLKEPSPIWKQLLPKDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	81.6 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.



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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:	NP_084497
Locus ID:	78914
UniProt ID:	Q711T7
RefSeq Size:	2632
Cytogenetics:	7 F5
RefSeq ORF:	2178
Synonyms:	9130012B15Rik
Summary:	Catalyzes the ATP-dependent amidation of deamido-NAD to form NAD. Uses L-glutamine as a nitrogen source.[UniProtKB/Swiss-Prot Function]