

Product datasheet for TP502870

Nudt7 (NM_024437) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nudix (nucleoside diphosphate linked moiety X)-type motif 7 (Nudt7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202870 protein sequence Red =Cloning site Green =Tags(s) MSRPCGLPEPVRNNLIDDAKARLRKSDVGTRYSHLSSNKFVSLVPLLARGGKLYLMFTVRSDKLRKREPGE VCFPGGKRDPVDTDDTATALREAQEEVGLPHQVEVSHLVYPYFDNDALVTPVVGFLDHNFAQPNA DE VKEVFFVPLDYFLHPQVYYQKQITQSGRDFIMHCFEYKDPETGVNYLIQGMTSKLAVLVALIILEQSPAF KIDFDLHDLIPSCERTFLWRYLSKL TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26.9 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:	NP_077757
Locus ID:	67528
UniProt ID:	Q99P30


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RefSeq Size:	1099
Cytogenetics:	8 E1
RefSeq ORF:	708
Synonyms:	1300007B24Rik; 2210404C19Rik
Summary:	<p>Coenzyme A diphosphatase which mediates the cleavage of CoA, CoA esters and oxidized CoA with similar efficiencies, yielding 3',5'-ADP and the corresponding 4'-phosphopantetheine derivative as products. CoA into 3',5'-ADP and 4'-phosphopantetheine. Has no activity toward NDP-sugars, CDP-alcohols, (deoxy)nucleoside 5'-triphosphates, nucleoside 5'-di or monophosphates, diadenosine polyphosphates, NAD, NADH, NADP, NADPH or thymidine-5'-monophospho-p-nitrophenyl ester. May be required to eliminate oxidized CoA from peroxisomes, or regulate CoA and acyl-CoA levels in this organelle in response to metabolic demand. Does not play a role in U8 snoRNA decapping activity. Binds U8 snoRNA.</p> <p>[UniProtKB/Swiss-Prot Function]</p>