

Product datasheet for **TP505643**

Nudt12 (BC057657) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse nudix (nucleoside diphosphate linked moiety X)-type motif 12 (cDNA clone MGC:68086 IMAGE:2646355), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR205643 protein sequence
Red=Cloning site **Green**=Tags(s)

MSSVKRNPKKEMISELHSSAAEGNVAKLAGILSHSPSLLNETSENGWTALMYAARNGHDPDVVQFLEKGC
DRSLVNKGRQTALDIAAFWGYRHIANLLANAKGGKPPWFLTNEVDECENYFSRTLLDRSDKRNNSDWLQ
AKESHPTTVYLLFSDLNPLVTLGGNKESQSQPEVRLCQLNYPDVKGYLEAQPKEITLVFLGVELEMRKGGSP
AQAGGVPEEEEDGLVAWFALGIEPGAEEFKQRHENCYFLHPPMPALLQLKEKEAGVAQARSVLAWHSR
YKFCPTCGSVTKIEEGGYKRVCVRETCPSLQGVHNTSYPRVDPVIMQVIHPDGTKCLLRQKRFPFGMF
TCLAGFIEPGKILTGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 40.8 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.

Locus ID: 67993

UniProt ID: [Q9DCN1](#)



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RefSeq Size: 1299

Cytogenetics: 17 D

RefSeq ORF: 1101

Synonyms: 0610016O18Rik

Summary: Hydrolyzes NAD(P)H to NMNH and AMP (2',5'-ADP), and diadenosine diphosphate to AMP. Has also activity towards NAD(P)(+), ADP-ribose and diadenosine triphosphate. May act to regulate the concentration of peroxisomal nicotinamide nucleotide cofactors required for oxidative metabolism in this organelle (By similarity).[UniProtKB/Swiss-Prot Function]