

Recombinant Mouse Adprm Protein, Myc/DDK-tagged

Cat. No. Adprm-1544M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ADP-ribose/CDP-alcohol diphosphatase, manganese dependent (Adprm), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Hydrolyzes ADP-ribose, IDP-ribose, CDP-glycerol, CDP-choline and CDP-ethanolamine, but not other non-reducing ADP-sugars or CDP-glucose. May be involved in immune cell signaling as suggested by the second-messenger role of ADP-ribose, which activates TRPM2 as a mediator of oxidative/nitrosative stress.
Molecular Mass	38.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Gene Name Adprm ADP-ribose/CDP-alcohol diphosphatase, manganese dependent [Mus musculus (house mouse)]

Official Symbol Adprm

Synonyms Adprm; ADP-ribose/CDP-alcohol diphosphatase, manganese dependent; MDS006; 2310004I24Rik; manganese-dependent ADP-ribose/CDP-alcohol diphosphatase; ADP-ribose/CDP-alcohol pyrophosphatase; ADPRibase-Mn; CDP-choline phosphohydrolase; EC 3.6.1.13; EC 3.6.1.16; EC 3.6.1.53

Gene ID 66358

mRNA Refseq NM_025510

Protein Refseq NP_079786

UniProt ID Q99KS6

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