

Recombinant Mouse Flad1 Protein, Myc/DDK-tagged

Cat. No. Flad1-3035M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length flavin adenine dinucleotide synthetase 1 (Flad1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the adenylation of flavin mononucleotide (FMN) to form flavin adenine dinucleotide (FAD) coenzyme.
Molecular Mass	54.8 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.

GENE INFORMATION

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Gene Name	Flad1 flavin adenine dinucleotide synthetase 1 [Mus musculus (house mouse)]
Official Symbol	Flad1
Synonyms	FLAD1; RFad1, flavin adenine dinucleotide synthetase, homolog (yeast); FAD synthase; FAD synthetase; FAD-synthetase; FAD pyrophosphorylase; FMN adenylyltransferase; flavin adenine dinucleotide synthase; flavin adenine dinucleotide synthetase; Pp591; A930017E24Rik
Gene ID	319945
mRNA Refseq	NM_177041
Protein Refseq	NP_796015
UniProt ID	Q8R123

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