

## Recombinant Mouse Padi2 Protein, Myc/DDK-tagged

Cat. No. Padi2-4652M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length peptidyl arginine deiminase, type II (cDNA clone MGC:18700 IMAGE:4192742), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Catalyzes the deimination of arginine residues of proteins.
<b>Molecular Mass</b>	173.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Padi2 peptidyl arginine deiminase, type II [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Padi2
<b>Synonyms</b>	Padi2; peptidyl arginine deiminase, type II; P; Pd; Pdi; Pdi2; mKIAA0994; protein-arginine deiminase type-2; PAD type II; peptidyl arginine deiminase, type II; PAD type II; peptidylarginine deiminase II; protein-arginine deiminase type II; EC 3.5.3.15
<b>Gene ID</b>	18600
<b>mRNA Refseq</b>	NM_008812
<b>Protein Refseq</b>	NP_032838
<b>UniProt ID</b>	Q08642

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