Recombinant Mouse Padi6 Protein, Myc/DDK-tagged

Cat. No. Padi6-4654M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length peptidyl arginine deiminase, type VI (Padi6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the deimination of arginine residues of proteins. May be involved in cytoskeletal reorganization in the egg and early embryo.
Molecular Mass	76.8 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	Padi6 peptidyl arginine deiminase, type VI [Mus musculus (house mouse)]
Official Symbol	Padi6
Synonyms	PADI6; peptidyl arginine deiminase, type VI; protein-arginine deiminase type-6; egg and embryo abundant PAD; peptidylarginine deiminase VI; arginine deiminase-like protein; protein-arginine deiminase type VI; peptidyl arginine deiminase, egg and embryo abundant; Pad6; ePAD; Padi5
Gene ID	242726
mRNA Refseq	NM_153106
Protein Refseq	NP_694746
UniProt ID	Q8K3V4

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