

## PADI2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78767
Synonyms:	PADI2; PAD-H19; KIAA0994; PAD2; PDI2
Species:	Mouse
Source:	HEK293
Accession:	Q08642-1 (M1-P673)
Gene ID:	18600
Molecular Weight:	66-88 kDa

### PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	The Padi2 protein is an enzyme involved in post-translational modification of proteins, specifically the conversion of arginine residues to citrulline. This modification has been implicated in a variety of biological processes, including gene regulation, immune responses, and inflammation.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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