

## Product datasheet for **TP720870M**

### **PADI4 (NM\_012387) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human peptidyl arginine deiminase, type IV (PADI4)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Pro663
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	76.2 kDa
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Supplied as a 0.2 um filtered solution of 50mM Tris-HCl, 500mM NaCl, pH 7.5.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
<b>Storage:</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_036519</a>
<b>Locus ID:</b>	23569
<b>UniProt ID:</b>	<a href="#">Q9UM07</a>
<b>RefSeq Size:</b>	2265
<b>Cytogenetics:</b>	1p36.13
<b>RefSeq ORF:</b>	1989
<b>Synonyms:</b>	PAD; PAD4; PADI5; PDI4; PDI5
<b>Summary:</b>	This gene is a member of a gene family which encodes enzymes responsible for the conversion of arginine residues to citrulline residues. This gene may play a role in granulocyte and macrophage development leading to inflammation and immune response. [provided by RefSeq, Jul 2008]



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