

Product datasheet for **TP720870XL**

PADI4 (NM_012387) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human peptidyl arginine deiminase, type IV (PADI4)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Pro663
Tag:	N-His
Predicted MW:	76.2 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 50mM Tris-HCl, 500mM NaCl, pH 7.5.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	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.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_036519
Locus ID:	23569
UniProt ID:	Q9UM07
RefSeq Size:	2265
Cytogenetics:	1p36.13
RefSeq ORF:	1989
Synonyms:	PAD; PAD4; PADI5; PDI4; PDI5
Summary:	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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