

Product datasheet for **TP318705M**

PADI6 (NM_207421) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human peptidyl arginine deiminase, type VI (PADI6), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC218705 representing NM_207421
Red=Cloning site **Green**=Tags(s)

MVSVEGRAMSFQSIHLSLDSPVHAVCVLGTICLDLSGCAPQKCQCFTIHGSGRVLIDVANTVISEKED
ATIWWPLSDPTYATVKMTSPSPSVADADKVSVTYYGPNEDAPVGTAVLYLTGIEVSLEVDIYRNGQVEMSS
DKQAKKKWIWGPSGWGAILLVNCPADVGGQLEDKKTKKVIFSEEITNLSQMTLNVQGPSCILKKYRLVL
HTSKEESKKARVYWPQKDNSSTFELVLGPDQHAYTLALLGNHLKETFYVEAIAFPSAEFSGLISYSVSLV
EESQDPSIPETVLYKDTVFRVAPCVFIPCTQVPLEVYLCRELQLQGFDVTVTKLSEKSNQVASVYEDP
NRLGRWLQDEMAFCYTQAPHKTTSLILDTPQAADLDEFPMKYSLSPGIGYMIQDTEDEHKVASMDSIGNLM
VSPPVKVQGKEYPLGRVLIGSSFYPSAEGRAMSKTLRDFLYAQQVQAPVELYSDWLMTGHVDEFMCFIPT
DDKNEGKKGFLLLASPSACYKLFREKQKEGYGDALLFDELADQLLSNGREAKTIDQLLADESLLKKQNE
YVEKCIHLNRDILKTELGLVEQDIIIPQLFCLEKLTNIPSDQQPKRSFARPYFPDLLRMIVMGKNLIGIP
KPFQIQIGTCCLEEKICLLEPLGFKCTFINDFCYLTEVGDICACANIRRVPFQAFKWWKMVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

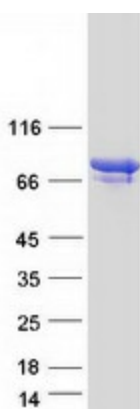
Tag: C-Myc/DDK
Predicted MW: 77.5 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_997304
Locus ID:	353238
UniProt ID:	Q6TGC4
RefSeq Size:	2397
Cytogenetics:	1p36.13
RefSeq ORF:	2082
Synonyms:	hPADVI; PREMBL2
Summary:	This gene encodes a member of the peptidyl arginine deiminase family of enzymes, which catalyze the post-translational deimination of proteins by converting arginine residues into citrullines in the presence of calcium ions. The family members have distinct substrate specificities and tissue-specific expression patterns. This protein may play a role in cytoskeletal reorganization in the egg and in early embryo development. [provided by RefSeq, Sep 2012]

Product images:



Coomassie blue staining of purified PADI6 protein (Cat# [TP318705]). The protein was produced from HEK293T cells transfected with PADI6 cDNA clone (Cat# [RC218705]) using MegaTran 2.0 (Cat# [TT210002]).