

Product datasheet for TP510020

Padi6 (NM_153106) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peptidyl arginine deiminase, type VI (Padi6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210020 representing NM_153106 Red =Cloning site Green =Tags(s)

MSFQNSLSLSLVNPTHALCMVGMEITLDISKCAPDKCKSFTIRGSPRILIHSSSVIAGKEDTVVWRSMN
HPTVALVRMVAPSPTVDEDKVLVSYFCPDQEVPTATAVLF LTGIEISLEADIYRDGQLDMPSDKQAKKKW
MWGMNGWGAILLVNCSPNAVGPDEQSFQEGPREIQNLSQMNVTVEGPTSILQNYQLILHTSEEEAKK
TR
VYWSQRGSSAYELVVGPNKPVYLLPTFENRRKEAFYVEATEFPSPSFGSLISLSLSLVEKAHDECIPEIP
LYKDTV MFRVAPYIFMPSTQMPLEVYLCRELQLQGFVDSVTKLSEKSKVQVVKVYEDPNRQSKWLQDEM
A
FCYTQAPHKTVSLILDTPRVSKLEDFPMKYTLTPGSGYLIRQTEDHRVASLDSIGNLMVSPVKAQGKDY
PLGRVLIGGSFYPSSEGRDMNKGLREFVYAQQVQAPVELFSDWLMTGHMDQFMCVPTNDKNNQKD
FRL
LLASPSACFELFEQKQKEGYGNVTLFEDIGAEQLLSNGRESKTISQILADKSFREQNTYVEKCISLNRTL
LKTELGLEDKDIILIPQLFCLEQLTNVPSNQQSTKLFARPYFPDMLQIIVLGKNLGIKPFPGPKINGTCC
LEEKVCGLLEPLGLKCTFIDDFDCYLANIGDVCASAIINRVPFAFKWWWKMTF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	76.8 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C after receiving vials.
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_694746
Locus ID:	242726
UniProt ID:	Q8K3V4
RefSeq Size:	2333
Cytogenetics:	4 72.26 cM
RefSeq ORF:	2046
Synonyms:	ePAD; Pad6; Padi5
Summary:	Catalyzes the deimination of arginine residues of proteins (By similarity). May be involved in cytoskeletal reorganization in the egg and early embryo (PubMed:17587491). [UniProtKB/Swiss-Prot Function]