

## Product datasheet for TP524286

### Padi1 (NM\_011059) Mouse Recombinant Protein

#### Product data:

|                                       |                                                                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                                             |
| Description:                          | Purified recombinant protein of Mouse peptidyl arginine deiminase, type I (Padi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse                                                                                                                                            |
| Expression Host:                      | HEK293T                                                                                                                                          |
| Expression cDNA Clone or AA Sequence: | >MR224286 representing NM_011059<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)         |

MASPRAVQLSLRKPTHAVCVVGVELVNVYSDVPKGAKTFGVSGSSEVKIYMVYDPSRVAEPAGWAHWPL  
 DANVDVWVADTVSKDLYDFKVKVSFESQEAALAHSVLYLTAVDVSLDVTGRTGKVKKGSGDKKTWR  
 WGPGGSGAILLVNCDRDIHGSREDLHANHLKSLEDLQDMSPMVLSCGGPDELFFESHKLVLKASLSDSRRL  
 KVFCARGGTSLSNYKQVLGPRHSSYEVRHSGERAIQFYVEGLAFPDASFSGLLSLVSLVDTRPLSEVS  
 VFTDSVTFRVAPWIMTPNTQPPELYVCSVTDIHGRNDKFLEDMSHLATKANCKLVCPRAENRNRDWIQ  
 DELEFGYIDAPHKSFPWFDSPRNRGLRDFALKRILGPDFGYVTREIEFAGASGLDSFGNLDVSPPVVRVG  
 NTDYPLGRILIGGSFPKPSGRRMARVVRDFLQAQVQSPVELYSDWLSVGHVDEFLSFVPTSDQKGFRL  
 LASPSACLQLFQEKKEEGYGEAEQFDGLKHKAKRSINDILADKHLRRDSAHVQKCIDWNREVLKRELGLS  
 ESDIVIDIPQLFFLKAYAEAFFPDMVMNMVVLGKYLGIKPFGLINGRCCLEEKVRSLLLEPLGLRCVFID  
 DFLFYHQLLGEIHC GTNVRKPFTFKWWNSVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag:           | C-MYC/DDK                                                                                                                                            |
| Predicted MW:  | 73.8 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. |
| 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.        |


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|               |                                                                                            |
|---------------|--------------------------------------------------------------------------------------------|
| RefSeq:       | <u>NP_035189</u>                                                                           |
| Locus ID:     | 18599                                                                                      |
| UniProt ID:   | <u>Q9Z185</u>                                                                              |
| RefSeq Size:  | 3756                                                                                       |
| Cytogenetics: | 4 72.62 cM                                                                                 |
| RefSeq ORF:   | 1986                                                                                       |
| Synonyms:     | AV236283; Pdi1                                                                             |
| Summary:      | Catalyzes the deimination of arginine residues of proteins.[UniProtKB/Swiss-Prot Function] |