

## Recombinant Mouse Pde4d Protein, Myc/DDK-tagged

Cat. No. Pde4d-4747M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length phosphodiesterase 4D, cAMP specific (Pde4d), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                  |
| <b>Description</b>      | Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.                                               |
| <b>Molecular Mass</b>   | 84.6 kDa                                                                                                                                                |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                             |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.           |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                          |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                        |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                   |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Pde4d phosphodiesterase 4D, cAMP specific [ Mus musculus (house mouse) ]                                                                                                                                  |
| <b>Official Symbol</b> | Pde4d                                                                                                                                                                                                     |
| <b>Synonyms</b>        | PDE4D; phosphodiesterase 4D, cAMP specific; cAMP-specific 3,5-cyclic phosphodiesterase 4D; dunce; cAMP-specific phosphodiesterase 4D; cyclic AMP specific phosphodiesterase PDE4D5A; Dpde3; 9630011N22Rik |
| <b>Gene ID</b>         | 238871                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_011056                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_035186                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | Q01063                                                                                                                                                                                                    |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA