

## Recombinant Mouse Dusp6 Protein, Myc/DDK-tagged

Cat. No. Dusp6-2691M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length dual specificity phosphatase 6 (Dusp6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Inactivates MAP kinases. Has a specificity for the ERK family. Plays an important role in alleviating acute postoperative pain. Necessary for the normal dephosphorylation of the long-lasting phosphorylated forms of spinal MAPK1/3 and MAP kinase p38 induced by peripheral surgery, which drives the resolution of acute postoperative allodynia. Also important for dephosphorylation of MAPK1/3 in local wound tissue, which further contributes to resolution of acute pain.
<b>Molecular Mass</b>	42.9 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

 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

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Dusp6 dual specificity phosphatase 6 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Dusp6](#)

**Synonyms** DUSP6; dual specificity phosphatase 6; dual specificity protein phosphatase 6; MAP kinase phosphatase 3; mitogen-activated protein kinase phosphatase 3; MKP3; MKP-3; PYST1; 1300019I03Rik; MGC98540

**Gene ID** [67603](#)

**mRNA Refseq** [NM\\_026268](#)

**Protein Refseq** [NP\\_080544](#)

**UniProt ID** [Q9DBB1](#)

 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