

## Recombinant Mouse Trpc3 Protein, Myc/DDK-tagged

Cat. No. Trpc3-6676M Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Purified recombinant protein of mouse full-length transient receptor potential cation channel, subfamily C, member 3 (Trpc3), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species          | Mouse                                                                                                                                                                                  |
| Source           | HEK293                                                                                                                                                                                 |
| Description      | Biased expression in cerebellum adult (RPKM 16.9), CNS E18 (RPKM 4.1) and 11 other tissues.                                                                                            |
| Molecular Mass   | 104.1 kDa                                                                                                                                                                              |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                            |
| Stability        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                          |
| Storage          | Store at -80 centigrade after receiving vials.                                                                                                                                         |
| Concentration    | >50 µg/mL as determined by microplate BCA method                                                                                                                                       |
| Storage Buffer   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                  |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Trpc3 transient receptor potential cation channel, subfamily C, member 3 [ Mus musculus (house mouse) ]                                                                                                                                                                |
| <b>Official Symbol</b> | Trpc3                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | TRPC3; transient receptor potential cation channel, subfamily C, member 3; short transient receptor potential channel 3; TRP-3; mTrp3; trp-related protein 3; transient receptor protein 3; receptor-activated cation channel TRP3; Mwk; Trp3; Trcp3; Trrp3; MGC124333 |
| <b>Gene ID</b>         | 22065                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_019510                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_062383                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | B1ATV3                                                                                                                                                                                                                                                                 |

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