

## Recombinant Mouse Zdhhc12 Protein, Myc/DDK-tagged

Cat. No. Zdhhc12-7070M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse zinc finger, DHHC domain containing 12 (Zdhhc12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates. Has a palmitoyltransferase activity toward gephyrin/GPHN, regulating its clustering at synapses and its function in gamma-aminobutyric acid receptor clustering. Thereby, indirectly regulates GABAergic synaptic transmission.
<b>Molecular Mass</b>	30.7 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.

 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

## GENE INFORMATION

<b>Gene Name</b>	Zdhhc12 zinc finger, DHHC domain containing 12 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Zdhhc12
<b>Synonyms</b>	Zdhhc12; zinc finger, DHHC domain containing 12; 1190004A01Rik; palmitoyltransferase ZDHHC12; DHHC domain-containing cysteine-rich protein 12; DHHC-12; probable palmitoyltransferase ZDHHC12; zinc finger DHHC domain-containing protein 12; EC 2.3.1.225
<b>Gene ID</b>	66220
<b>mRNA Refseq</b>	NM_001037762
<b>Protein Refseq</b>	NP_001032851
<b>UniProt ID</b>	Q8VC90

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