

Recombinant Mouse Efhc1 Protein, Myc/DDK-tagged

Cat. No. Efhc1-2750M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length EF-hand domain (C-terminal) containing 1 (Efhc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Microtubule-associated protein which regulates cell division and neuronal migration during cortical development. Necessary for mitotic spindle organization. Necessary for radial and tangential cell migration during brain development, possibly acting as a regulator of cell morphology and process formation during migration. May enhance calcium influx through CACNA1E and stimulate programmed cell death. Overexpression of EFHC1 in hippocampal primary culture neurons induced apoptosis.
Molecular Mass	75.1 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

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

GENE INFORMATION

Gene Name Efhc1 EF-hand domain (C-terminal) containing 1 [Mus musculus (house mouse)]

Official Symbol Efhc1

Synonyms EFHC1; EF-hand domain (C-terminal) containing 1; EF-hand domain-containing protein 1; myoclonin-1; mRib72-1; myoclonin1; 1700029F22Rik

Gene ID 71877

mRNA Refseq NM_027974

Protein Refseq NP_082250

UniProt ID Q9D9T8

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