

Recombinant Mouse Efhd1 Protein, Myc/DDK-tagged

Cat. No. Efhd1-2751M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length EF hand domain containing 1 (Efhd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a calcium sensor for mitochondrial flash (mitoflash) activation, an event characterized by stochastic bursts of superoxide production. May play a role in neuronal differentiation.
Molecular Mass	27 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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Gene Name	Efhd1 EF hand domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Efhd1
Synonyms	EFHD1; EF hand domain containing 1; EF-hand domain-containing protein D1; swiprosin-2; EF-hand domain-containing protein 1; PP3051; AI452351; mitocalcin; 4931430I01Rik; MGC103094
Gene ID	98363
mRNA Refseq	NM_028889
Protein Refseq	NP_083165
UniProt ID	Q9D4J1

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