

## Recombinant Mouse Dnajc27 Protein, Myc/DDK-tagged

Cat. No. Dnajc27-2609M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length DnaJ heat shock protein family (Hsp40) member C27 (Dnajc27), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	GTPase which can activate the MEK/ERK pathway and induce cell transformation when overexpressed. May act as a nuclear scaffold for MAPK1, probably by association with MAPK1 nuclear export signal leading to enhanced ERK1/ERK2 signaling.
<b>Molecular Mass</b>	30.8 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.

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## GENE INFORMATION

**Gene Name** Dnajc27 DnaJ heat shock protein family (Hsp40) member C27 [ Mus musculus (house mouse) ]

**Official Symbol** Dnajc27

**Synonyms** DNAJC27; DnaJ (Hsp40) homolog, subfamily C, member 27; dnaJ homolog subfamily C member 27; rab and DnaJ domain containing; Rab-related GTP-binding protein; rab and DnaJ domain-containing protein; Rbj; Rabj; AI639580; C330021A05Rik

**Gene ID** 217378

**mRNA Refseq** NM\_153082

**Protein Refseq** NP\_694722

**UniProt ID** Q8CFP6

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