

## Active Recombinant Mouse Kirrel2 Protein, His-tagged

Cat. No. Kirrel2-851M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Kirrel2 (Accession # NP_766486) Ser19-Asp501, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ser19-Asp501
<b>Predicted N Terminal</b>	Ser19
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of MS-1 mouse pancreatic islet endothelial cells. When 5 x 10 <sup>4</sup> cells/well are added to rmKirrel2 coated plates (30 µg/mL, 100 µL/well), approximately 30 - 60% will adhere after 90 minutes at 37° C.
<b>Molecular Mass</b>	Recombinant Mouse Kirrel2, His-tagged has a calculated MW of 52.7 kDa. In SDS-PAGE migrates as 66 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

## GENE INFORMATION

**Gene Name** Kirrel2 kin of IRRE like 2 (Drosophila) [ Mus musculus ]

**Official Symbol** Kirrel2

**Synonyms** KIRREL2; kin of IRRE like 2 (Drosophila); kin of IRRE-like protein 2; X kin of IRRE like 2; kin of irregular chiasm-like 2; kin of irregular chiasm-like protein 2; NLG1; NEPH3; C330019F22Rik;

**Gene ID** 243911

**mRNA Refseq** NM\_172898

**Protein Refseq** NP\_766486

**MIM**

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