

## Active Recombinant Human KIRREL2 Protein, His-tagged

Cat. No. KIRREL2-782H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KIRREL2 (Accession # NP_115499) Gly21-Arg503, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Gly21-Arg503
<b>Predicted N Terminal</b>	Gly21
<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 per well are added to rhKirrel2 coated plates (30 µg/mL, 100 µL/well) approximately 40 - 70 % will adhere after 90 minutes at 37 °C.
<b>Molecular Mass</b>	Recombinant Human KIRREL2, His-tagged has a calculated MW of 51.7 kDa. In SDS-PAGE migrates as 62-66 kDa, reducing conditions.
<b>Purity</b>	>95%, 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

<b>Gene Name</b>	KIRREL2 kin of IRRE like 2 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	KIRREL2
<b>Synonyms</b>	KIRREL2; kin of IRRE like 2 (Drosophila); kin of IRRE-like protein 2; DKFZp564A1164; FILTRIN; MGC15718; NEPH3; NLG1; nephrin-like 3; nephrin-like gene 1; nephrin-like protein 3; kin of irregular chiasm-like 2; kin of irregular chiasm-like protein 2;
<b>Gene ID</b>	84063
<b>mRNA Refseq</b>	NM_032123
<b>Protein Refseq</b>	NP_115499
<b>MIM</b>	607762
<b>UniProt ID</b>	Q6UWL6
<b>Chromosome Location</b>	19q13.13

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