

## Recombinant Human KIRREL2 protein, HIS-tagged

Cat. No. KIRREL2-029H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KIRREL2 fused with His tag at N-terminal was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>This gene encodes a type I transmembrane protein and member of the immunoglobulin superfamily of cell adhesion molecules. The encoded protein localizes to adherens junctions in pancreatic beta cells and regulates insulin secretion. Autoantibodies against the encoded protein have been detected in serum from patients with type 1 diabetes. This gene may also play a role in glomerular development and decreased expression of this gene has been observed in human glomerular diseases. This gene and the related opposite-strand gene nephrin (GeneID: 527362) are regulated by a bidirectional promoter.</p>
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
<b>Molecular Mass</b>	66.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<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

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