

Recombinant Human KIRREL2 protein, HIS-tagged

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

SPECIFICATION

Product Overview	Recombinant Human KIRREL2 fused with His tag at N-terminal was expressed in E.coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	66.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	KIRREL2 kin of IRRE like 2 (Drosophila) [Homo sapiens]
Official Symbol	KIRREL2
Synonyms	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;
Gene ID	84063
mRNA Refseq	NM_032123
Protein Refseq	NP_115499
MIM	607762
UniProt ID	Q6UWL6

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