

Active Recombinant Human KIRREL2 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Mammalian Cells
ProteinLength	Gly21-Arg503
Predicted N Terminal	Gly21
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of MS-1 mouse pancreatic islet endothelial cells. When 5×10^4 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.
Molecular Mass	Recombinant Human KIRREL2, His-tagged has a calculated MW of 51.7 kDa. In SDS-PAGE migrates as 62-66 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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) [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
Chromosome Location	19q13.13

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