Recombinant Human KIRREL, Fc-tagged

Cat. No. KIRREL-323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human KIRREL (NP_060710.3) (Met1-Leu493) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	Met1-Leu493
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human KIRREL/Fc comprises 715 amino acids and has a predicted molecular mass of 78.8 kDa. The apparent molecular mass of the protein is approximately 96.1 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Storage	Store it under sterile conditions at -70℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	KIRREL kin of IRRE like (Drosophila) [Homo sapiens]
Official Symbol	KIRREL
Synonyms	KIRREL; kin of IRRE like (Drosophila); kin of IRRE-like protein 1; NEPH1; nephrin like protein 1; nephrin related; nephrin-like protein 1; kin of irregular chiasm-like protein 1; FLJ10845; MGC129542; MGC129543;
Gene ID	55243
mRNA Refseq	NM_018240
Protein Refseq	NP_060710
MIM	607428
UniProt ID	Q96J84
Chromosome Location	1q21-q25
Pathway	Cell-Cell communication, organism-specific biosystem; Nephrin interactions, organism-specific biosystem; Nephrin/Neph1 signaling in the kidney podocyte, organism-specific biosystem;

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