

Recombinant Human KIRREL2 Protein, His-tagged

Cat. No. KIRREL2-709H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KIRREL2 (NP_115499.4) (Met1-Arg503) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-503 a.a.
Predicted N Terminal	Gly 21
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human KIRREL2 consists 494 amino acids and predicts a molecular mass of 52.3 kDa.
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°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

Pathway Cell-Cell communication, organism-specific biosystem; Nephrin interactions, organism-specific biosystem;

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