

Active Recombinant Mouse Kirrel3 protein(Met1-Ala535), His-tagged

Cat. No. Kirrel3-4028M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse KIRREL3 (Q8BR86-1)(Met 1-Ala 535) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala535
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of MS1 mouse pancreatic islet endothelial cells. When cells are added to mouse KIRREL3 coated plates (15 µg/mL, 100 µL/well), > 40% will adhere specifically after 90 minutes at 37 °C.
Molecular Mass	The secreted recombinant mouse KIRREL3 consists of 525 amino acids (pro form) and has a calculated molecular mass of 57.5 kDa. The apparent molecular mass of the recombinant mouse KIRREL3 is approximately 65 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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Purity	> 96 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Kirrel3 kin of IRRE like 3 (Drosophila) [<i>Mus musculus</i>]
Official Symbol	Kirrel3
Synonyms	KIRREL3; kin of IRRE like 3 (Drosophila); kin of IRRE-like protein 3; X kin of IRRE like 3; membrane protein mKirre; kin of irregular chiasm-like protein 3; SST4; NEPH2; mKIAA1867; 1500010O20Rik; 2900036G11Rik;
Gene ID	67703
mRNA Refseq	NM_001190911
Protein Refseq	NP_001177840

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