

Recombinant Rat Kirrel3 protein(Met1-Ala523), His-tagged

Cat. No. Kirrel3-8741R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat KIRREL3 (Q09GS6) (Met1-Ala523) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-523 a.a.
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 rat KIRREL3 coated plates (15 µg/mL, 100 µL/well), > 20% will adhere specifically after 90 minutes at 37 °C.
Molecular Mass	The recombinant rat KIRREL3 comprises 513 amino acids and predicts a molecular mass of 56.4 kDa. The apparent molecular mass of the recombinant protein is approximately 60-64 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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) [Rattus norvegicus]

Official Symbol Kirrel3

Synonyms KIRREL3; kin of IRRE like 3 (Drosophila); kin of IRRE-like protein 3;

Gene ID 315546

mRNA Refseq NM_001048215

Protein Refseq NP_001041680

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA