

Recombinant Mouse Kirrel protein, His-tagged

Cat. No. Kirrel-792M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kirrel protein(NP_570937.2)(Met1-Leu525), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-525 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse KIRREL1 consists of 489 amino acids and has a calculated molecular mass of 53.8 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 65-70 kDa protein in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Leu525
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % as determined by SDS-PAGE

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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 Kirrel kin of IRRE like (Drosophila) [*Mus musculus*]

Official Symbol Kirrel

Synonyms KIRREL; kin of IRRE like (Drosophila); kin of IRRE-like protein 1; nephrin 1; kin of IRRE like 1; nephrin-like protein 1; kin of irregular chiasm-like protein 1; Neph1; Kirrel1; 6720469N11Rik;

Gene ID 170643

mRNA Refseq NM_001170985

Protein Refseq NP_001164456

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