

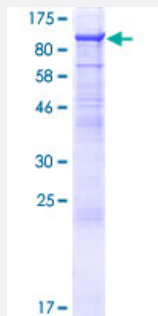
Full-Length

KIRREL3 (Human) Recombinant Protein (P01)

Catalog # H00084623-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KIRREL3 full-length ORF (NP_115920.1, 1 a.a. - 778 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKPFQLDLLFVCFFLFSQELGLQKRGCCCLVLGYMAKDKFRRMNEGQVVSFSQQPQDQVVVSGQ
PVTLLCAIPEYDGFVLWIKDGLALGVGRDLSSYPQYL VVG NHLSGEHLKILRAELQDDAVYECQAI
QAAIRSRPARLTVLVPPDDPVILGGPVISLRAGDPLNLTCHADNAKPAASIWLKGEVINGATYSKT
LLRDGKRESIVSTLFISPGDVENGQSIVCRATNKAIPGGKETSVTIDIQHPPLVNLSVEPQPVLEDNV
VTFHCSAKANPAVTQYRWAKRGQIIKEASGEVYRTTVDYTFSEPVSCVTNALGSTNLSRTVDVY
FGPRMTTEPQSLLVDLGSDAIFSCAWTGNPSLTIVWMKRGSGVVL SNEKTLTKSVRQEDAGKY
VCRAVVP RVGAGEREVTLT VNGPPIISSTQTQHALHGEKGQIKCFIRSTPPPDRIAWSWKENVLES
GTSGRYTVETISTEEGVISTLTISNIVRADFQTYNCTAWNSFGSDTEIIRLKEQGSEMKGAGLEAES
VPMAVIIGVAVGAGVAFLVLMATVAFCCARSQRNLKGVVSAKNDIRVEIVHKEPASGREGEEHSTI
KQLMMDRGEFQQDSVLKQLEVLKEEEKEFQNLKDPTNGYYSVNTFKEHHSTPTISLSSCQPDLR
PAGKQRVPTGMSFTNIYSTLSGQGRLYDYGQRFVLGMGSSSIELCEREFQRGSLSDSSSFLDTQC
DSSVSSSGKQDGYVQFDKASKASASSSHHSQSSSQNSDPSRPLQRRMQTHV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

111.7

Interspecies Antigen Sequence

Mouse (98); Rat (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KIRREL3

Entrez GeneID	84623
GeneBank Accession#	NM_032531.2
Protein Accession#	NP_115920.1
Gene Name	KIRREL3
Gene Alias	KIAA1867, KIRRE, MGC126824, MGC126850, NEPH2, PRO4502
Gene Description	kin of IRRE like 3 (Drosophila)
Omim ID	607761
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the nephrin-like protein family. These proteins are expressed in fetal and adult brain, and also in podocytes of kidney glomeruli. The cytoplasmic domains of these proteins interact with the C-terminus of podocin, also expressed in the podocytes, cells involved in ensuring size- and charge-selective ultrafiltration. Mutations in this gene are associated with mental retardation autosomal dominant type 4 (MRD4). Alternatively spliced transcript variants encoding different isoforms have been found for this gene

Other Designations

kin of IRRE like 3

Disease

- [Tobacco Use Disorder](#)