

Recombinant Full Length Human KIAA0319 Protein, C-Flag-tagged

Cat. No. KIAA0319-1288HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human KIAA0319 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a transmembrane protein that contains a large extracellular domain with multiple polycystic kidney disease (PKD) domains. The encoded protein may play a role in the development of the cerebral cortex by regulating neuronal migration and cell adhesion. Single nucleotide polymorphisms in this gene are associated with dyslexia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	115.8 kDa
AA Sequence	MAPPTGVLSSLLLLVTIAGCARKQCSEGRTYSNAVISPNLETTIMRVSHTFPVVDCT AACCDLSSCDLA WWFEGRCYLVSCHKENCEPKKMGPIRSYLTFLRPVQRPAQL LDYGDMMLNRGSPSGIWGDSPEDIRKD LPFLGKDWGLEEMSEYADDYRELEKDLL QPSGKQEPGRSAEYTDWGLLPGSEGA FNSSVGDSPAVPAETQ QDPELHYLNESA STPAPKLPERSVLLPLPTTPSSGEVLEKEKASQLQEQQSSNSSGKEVLMPSHSLPPAS L ELSSVTVEKSPVLTVPSTEGHSIPTPPTSAAPSESTPSELPISPTTAPRTVKELTVS

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AGDNLITLPDN EVELKAFVAPAPPVETTYNYEWNLISHPTDYQGEIKQGHKQTLNLS
 QLSVGLYVFKVTVSSENAFGEFV NVTVKPARRVNLPPVAVVSPQLQELTLPLTSAL
 IDGSQSTDDTEIVSYHWEEINGPFIEEKTSDSPVLR LSNLDPGNYSFRLTVTDS DG
 ATNSTTAALIVNNAVDYPPVANAGPNHTITLPQNSITLNGNQSSDDHQIV LYEWSLG
 PGSEGKHVVMQGVQTPYLHLSAMQEGDYTFQLKVT DSSRQQSTAVVTVIVQPENN
 RPPVAVAG PDKELIFPVESATLDGSSSSDDHGIVFYHWEHVRGPSAVEMENIDKAIA
 TVTGLQVGTYHFRLTVKDQQG LSSTSTLTVAVKKENNSPPRARAGGRHVLVLPNNS
 ITLDGSRSTDDQRIVSYLWIRDGQSPAAGDVIDGS DHSVALQLTNLVEGVYTFHLRV
 TDSQGASDTDTATVEVQPDPRKSGLVELTLQVGVGQLTEQRKDTLVRQ LAVLLNVL
 DSDIKVQKIRAHSDLSTVIVFYVQSRPPFKVLKAAEVARNLHMRLSKEKADFLLFKVL
 RVDT AGCLLKCSGHGHCDPLTKRCICSHLWMENLIQRYIWDGESNCEWSIFYVTVL
 AFTLIVLTGGFTWLCICC CKRQKRTKIRKTKYTILDNMDEQERMELRPKYGIKHRST
 EHNSSLMVSESEFSDSDQDTIFSREKMERGN
 PKVSMNGSIRNGASFYSYCSKDRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name KIAA0319 KIAA0319 [Homo sapiens (human)]

Official Symbol KIAA0319

Synonyms AAVR; DYX2; NMIG; DYXL2

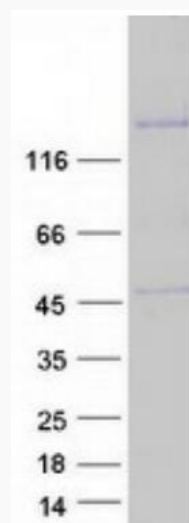
Gene ID 9856

mRNA Refseq NM_014809.4

Protein Refseq NP_055624.2

MIM 609269

UniProt ID Q5VV43



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Coomassie blue staining of purified KIAA0319 protein.

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