

Product datasheet for **TP314212**

KIAA0319 (NM_014809) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human KIAA0319 (KIAA0319), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >Peptide sequence encoded by RC214212
 Blue=ORF Red=Cloning site Green=Tag(s)

MAPPTGVLSSLLLLVTIAGCARKQCSEGRYTSNAVISPNETTRIMRVSHTFPVDCTAACCDLSSCDL
 AWWFEGRCYLVSCPHKENCEPKKMGPIRSYLTFLRPVQRPALDDYDGMMLNRGSPSGIWDSPEDIR
 KDLTFLGKDWGLEEMSEYSDDYRELEKDLLQPSGKQEPGSAEYTDWGLLPGSEGAFFNSVGDSPAVPA
 ETQQDPELHYLNESASTPAPKLPERSVLLPLPTTPSSGEVLEKEKASQLQEQQSSNSSGKEVLMPSHSLP
 PASLELSSVTVEKSPVLTVTPGSTEHSIPTPPTSAAPSESTPSELPISTTAPRTVKELTVSAGDNLII
 TLPDNEVELKAFVAPAPPVETTYNYEWNLISHPTDYQGEIKQGHKQTLNLSQLSVGLYVFKVTSSENA
 FGEGFVNVTVKPARRVNLPPVAVVSPQLQELTLPLTSALIDGSQSTDDTEIVSYHWEEINGPFIEEKT
 VDSPVLRSLNLDPGNYSFRLTVTDSGATNSTTAALIVNNAVDYPPVANAGPNHTITLPQNSITLNGNQ
 SSDDHQIVLYEWSLPGSGEGKHVMQGVQTPYLHLSAMQEGDYTFQLKVTSSRQQSTAVTVIVQPEN
 NRPPVAVAGPDKELIFPVESATLDGSSSSDDHGIVFYHWEHVRGPSAVEMENIDKAIATVTGLQVGTYH
 FRLTVKDQQGLSSTSTLTVAVKKENNSPPRARAGGRHVLVLPNNSITLDGSRSTDDQRIVSYLWIRDGQ
 SPAAGDVIDGSDHSVALQLTNLVEGVYTFHLRVTDSDGASDSDTATVEVQPDPRKSGLVLETLQVGVGQ
 LTEQRKDTLVRQLAVLLNVLDSDIKVQKIRAHSDLSTVIVFYVQSRPPFKVLKAAEVARNLHMRLSKEK
 ADFLLFKVLRVDTAGCLLKCSGHGHCPLTKRCICSHLWMENLIQRYIWDGESNCEWSIFVTVLAFTL
 IVLTGGFTWLCICCCKRQKRTKIRKTKYTILDNMDEQERMELRPKYGIKHRSTEHNSLMVSESEFDS
 DQDTIFSREKMERGNPKVSMNGSIRNGASFYSCKDR
 TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC214212 also available, [TP314212](#)

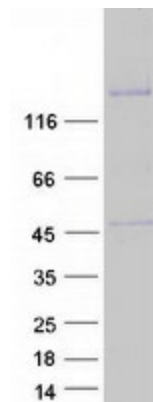
Tag: C-Myc/DDK
Predicted MW: 115.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055624
Locus ID:	9856
UniProt ID:	Q5VW43
RefSeq Size:	6801
Cytogenetics:	6p22.3
RefSeq ORF:	3216
Synonyms:	AAVR; DYXL2; DYX2; NMIG
Summary:	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. [provided by RefSeq, Nov 2011]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified KIAA0319 protein (Cat# TP314212). The protein was produced from HEK293T cells transfected with KIAA0319 cDNA clone (Cat# [RC214212]) using MegaTran 2.0 (Cat# [TT210002]).