

## Product datasheet for TP314212M

### KIAA0319 (NM\_014809) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human KIAA0319 (KIAA0319), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC214212 representing NM\_014809  
**Red**=Cloning site **Green**=Tags(s)

MAPPTGVLSSLLLLVTIAGCARKQCSEGRYTSNAVISPNLETRIMRVSHTFPVVDCTAACCDLSSCDLA  
WWFEGRCYLVSCPHKENCEPKKMGPIRSYLVFLRPVQRPAQLLDYGDMMLNRGSPSGIWGDSPEDIRKD  
LPFLGKDWGLEEMSEYADDYRELEKDLLQPSGKQEPGRGSAEYTDWGLLPGSEGFNSSVGDSPAIPAETQ  
QDPELHYLNESASTPAPKLPERSVLLPLPTTSSGEVLEKEKASQLQEQQSSNSSGKEVLMPSHSLPPASL  
ELSSVTVEKSPVLTVTPGSTEHSIPTPPTSAAPSESTPSELPISTTAPRTVKELTVSAGDNLITLPDN  
EVELKAFVAPAPPVETTYNYEWNLISHPTDYQGEIKQGHKQTLNLSQLSVGLYVFKVTVSSENAFGEFV  
NVTVKPARRVNLPPVAWVSPQLQELTLPLTSALIDGSQSTDDTEIVSYHWEIINGPFIEEKTSVDSPLR  
LSNLDPGNYSFRLTVTDSGDATNSTTAALVNNNAVDPYPPVANAGPNHTITLPQNSITLNGNQSSDDHQIV  
LYEWSLPGSGEGKHVMMQGVQTPYLHLSAMQEGDYTFQLKVTSSRQQSTAVTVIVQPENNRPPVAVAG  
PDKELIFPVESATLDGSSSSDDHGIVFYHWEHVRGSPAVEMENIDKAIATVTGLQVGTYHFRLTVKDQQG  
LSSTSTLTVAVKKENNSPPRARAGGRHVLVLPNNSITLDGSRSTDDQRIVSYLWIRGQSPAAGDVIDGS  
DHSVALQLTNLVEGVYTFHLRVTDSDGASDSDTATVEVQPDPRKSGLVLELTQVGVGQLTEQRKDTLVRQ  
LAVLLNVLDSDIKVQKIRAHSDLSTVIVFYVQSRPPFKVLKAAEVARNLHMRLSKEKADFLFKVLRVDT  
AGCLLKCSGHGHCPLTKRCICSHLWMENLIQRYIWDGESNCEWSIFVTVLAFTLIVLTGGFTWLCICC  
CKRQKRTKIRKTKYTILDNMDEQERMELRPKYGIKHRSTEHNSSLMVSESEFSDSDQDTIFSREKMERGN  
PKVSMNGSIRNGASFSYCSKDR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

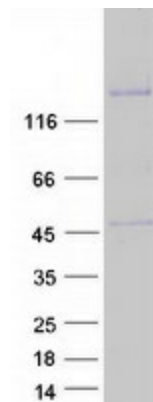
**Tag:** C-Myc/DDK  
**Predicted MW:** 115.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055624</a>
<b>Locus ID:</b>	9856
<b>UniProt ID:</b>	<a href="#">Q5VV43</a>
<b>RefSeq Size:</b>	6801
<b>Cytogenetics:</b>	6p22.3
<b>RefSeq ORF:</b>	3216
<b>Synonyms:</b>	AAVR; DYLX2; DYX2; NMIG
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).