

## Product datasheet for PH314212

### KIAA0319 (NM\_014809) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	KIAA0319 MS Standard C13 and N15-labeled recombinant protein (NP_055624)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214212
Predicted MW:	117.74 kDa
Protein Sequence:	>RC214212 representing NM_014809 Red=Cloning site Green=Tags(s)

MAPPTGVLSSLLLVTIAGCARKQCSEGRYTSNAVISPNLETTIMRVSHTFPVVDCTAACCDLSSCDLA  
WWFEGRCYLVSCPHKENCEPKMGPIRSYLTFLRPVQRPAQLLDYGMMLNRGSPSGIWDSPEDIRKD  
LPFLGKDWGLEEMSEYADDYRELEKDLLQPSGKQEPGRGSAEYTDWGLLPGSEGAFNSSVGDSPAIPAETQ  
QDPELHYLNESASTPAPKLPERSVLLPLPTTPSSGVELEKEKASQLQEQQSSNNGKEVLMPSHSLPPASL  
ELSSVTVEKSPVLTVTPGSTEHSIPTPPTSAAPSESTPSELISPTTAPRTVKELTVSAGDNLIIITLPDN  
EVELKAFVAPAPPVETTYNYEWNLI SHPTDYQGEIKQGHKQTLNLSQLSVGLYVFKVTVSSENAFGGEFV  
NVTYKPARRVNLPVAVVSPQLQELTLPLTSALIDGSQSTDDTEIVSYHWEEINGPFIEEKTSDVSPVLR  
LSNLDPGNYSFRLTVTDSGATNSTTAALIVNNAVDPYPVANAGPNHTITLPQNSITLNGNQSSDDHQIV  
LYEWSLGPGSEGKHVVMQGVQTPYLHLSAMQEGDYTFQLKVTDSRQQSTAVVTIVIQPENRPPVAVAG  
PDKELIFPVESATLDGSSSSDDHGIVFYHWEHVRGPSAVEMENIDKAIATVTGLQVGTYHFRLTVKDQQG  
LSSTSTLTVAVKKENNSPPRARAGGRHVLVLPNNSITLDGSRSTDDQRIVSYLWIRDGQSPAAGDVIDGS  
DHSVALQLTNLVEGVYTFHLRVTDSDQASDTDTATVEVQPDPRKSGLVELTLQVGVGQLTEQRKDTLVRQ  
LAVLLNVLDSDIKVQKIRAHSDLSTVIVFYVQSRPPFKVLKAAEVARNLHMRLSKEKADFLFKVLRVDT  
AGCLLKCSGHGHCPLTKRKCICSHLWMENLIQRYIWDGESNCEWSIFYVTVLAFTLIVL TGGFTWLCICC  
CKRQKRTKIRKTKYTILDNMDEQERMELRPKYGIKHRSTEHNSSLMVSESEFSDSDQDTIF SREKMERGN  
PKVSMNGSIRNGASF SYCSKDR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

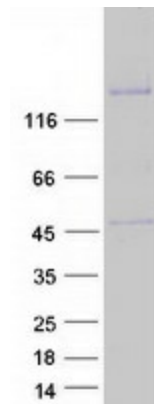
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_055624</a>
<b>RefSeq Size:</b>	6801
<b>RefSeq ORF:</b>	3216
<b>Synonyms:</b>	AAVR; DYLX2; DYX2; NMIG
<b>Locus ID:</b>	9856
<b>UniProt ID:</b>	<a href="#">Q5VV43</a>
<b>Cytogenetics:</b>	6p22.3
<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]).