

Product Information

MemDX™ Membrane Protein Human KIAA0319 (KIAA0319)

Cat. No.: **MP0221J**

This product is for research use only and is not intended for diagnostic use.

This product is a 115.8 kDa Human KIAA0319 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

KIAA0319

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

115.8 kDa

TMD

1

Sequence

MAPPTGVLSSLLLLVTIAGCARKQCSEGRITYSNAVISPNETTRIMRVSHTFPVVDCTAACCDLSSCDLA
WWFEGRCYLVSCPHKENCEPKKMGPIRSYLTFLRPVQRPAQLLDYGDMMMLNRGSPSGIWGDSPEDIRKD
LPFLGKDWGLEEMSEYADDYRELEKDLLQPSGKQEPGRGSAEYTDWGLLPGSEGAFNSSVGDSPAVPAETQ
QDPELHYLNESASTPAPKLPERSVLLPLPTTPSSGEVLEKEKASQLQEQQSSNSSGKEVLMPSHSLPPASL
ELSSVTVEKSPVLTVPSTGSTEHSIPTPPTSAAPSESTPSELPISPTTAPRTVKELTVSAGDNLITLPDN
EVELKAFVAPAPPVETTYNYEWNLISHPTDYQGEIKQGHKQTLNLSQLSVGLYVFKVTVSSENAFGEFV
NVTVKPARRVNLPPVAVVSPQLQELTLPLTSALIDGSQSTDDTEIVSYHWEEINGPFIEEKTSVDSPVLR
LSNLDPGNYSFRLTVTDSGDATNSTTAALIVNNAVDYPPVANAGPNHTITLPQNSITLNGNQSSDDHQIV
LYEWSLGPGSEGKHVVMQGVQTPYLHLSAMQEGDYTFQLKVTDSRQQSTAVVTIVQPENNRPPVAVAG
PDKELIFPVESATLDGSSSSDDHGIVFYHWEHVRGPSAVEMENIDKAIATVTGLQVGTYHFRLTVKDQQG
LSSTSTLTAVKKENNSPPRARAGGRHVLVLPNNSITLDGSRSTDDQRIVSYLWIRGQSPAAGDVIDGS
DHVALQLTNLVEGVYTFHLRVTD SQGASDTDTATVEVQPDPRKSGLVELTLQVGVGQLTEQRKDTLVRQ
LAVLLNVLDSDIKVQKIRAHSDLSTVIVFYVQSRPPFKVLKAAEVARNLHMRLSKEKADFLFKVLRVDT
AGCLLKCSGHGHCDPLTKRCICSHLWMENLIQRYIWDGESNCEWSIFYVTVLAFTLIVLTGGFTWLCICC
CKRQKRTKIRKTKYTILDNMDEQERMELRPKYGIKHRSTEHNSSLMVSESEFDSDQDTIFSREKMERGN
PKVSMNGSIRNGASFYSYCKDR

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

KIAA0319

Full Name

KIAA0319

Introduction

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.

Alternative Names

AAVR; DYX2; NMIG; DYX2; dyslexia-associated protein KIAA0319; AAV receptor; dyslexia susceptibility 2; neuronal migration

Gene ID

[9856](#)

UniProt ID

[Q5VV43](#)