

Product Information

MemDX™ Membrane Protein Human KIAA0319 (KIAA0319) Full Length

Cat. No.: **MPC2240K**

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

This product is a 117.7 kDa Human KIAA0319 membrane protein expressed in HEK293. 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

Transporter

Molecular Weight

117.7 kDa

TMD

1

Sequence

MAPPTGVLSSLLLLVTIAGCARKQCSEGRYTSNAVISPNLETTIRMRVSH
TFPVVDCTAACCDLSSCDLAWWFEGRCYLVSCPHKENCEPKKMGPISYL
TFVLRPVQRPAAQLLDYGDMLNLRGSPSGIWGDSPEDIRKDLTFLGKDWGL
EEMSEYSDDYRELEKDLLQPSGKQEPRGSAEYTDWGLLPGSEGAFFNSSVG
DSPAIPAETQQDPELHYLNESASTPAPKLPERSVLLPLPTTPSSGEVLEK
EKASQLQEQSSNSSGKEVLMPSHSLPPASLELSSVTVEKSPVLTVPST
EHSIPTPTSAAPSESTPSELPISTTAPRTVKELTVSAGDNLITLPDN
EVELKAFVAPAPPVETTYNYEWNLSHPTDYQGEIKQGHKQTLNLSQLSV
GLYVFKVTVSSENAFGEFVNVTVKPARRVNLPPVAVVSPQLQELTLPLT
SALIDGSQSTDDTEIVSYHWEEINGPFIEEKTSVDSPLRLSNLDPGNYS
FRLTVTDSGATNSTAALIVNNAVDYPPVANAGPNHTITLPQNSITLNG
NQSSDDHQIVLYEWSLGPGESEKHVVMQGVQTPYLHLSAMQEGDYTFQLK
VTDSSRQQSTAVVTIVQPENNRPPVAVAGPDKELIFPVESATLDGSSSS
DDHGIVFYHWEHVRGSAVEMENIDKAIATVTGLQVGTYHFRLTVKDQQG
LSSTSTLTAVKKENNSPPRARAGGRHVLVLPNNSITLDGSRSTDDQRI
SYLWIRGQSPAAGDVIDGSDHSVALQLTNLVEGVYTFHLRVTDSSQGASD
TDTATVEVQPDPRKSGLVELTLQVGVGQLTEQRKDTLVRQLAVLLNVLDS
DIKVQKIRAHSDLSTVIVFYVQSRPPFKVLKAAEVARNLHMRLSKEKADF
LLFKVLRVDTAGCLLKCSGHGHCDPLTKRCICSHLWMENLIQRYIWDGES
NCEWSIFYVTVLAFTLIVLTGGFTWLCICCKRQKRTKIRKTKYITLDN
MDEQERMELRPKYGIKHRSTEHNSSLMVSESEFDSDQDTIFSREKMERGN

PKVSMNGSIRNGASFYSYCSKDR

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

KIAA0319; AAVR; DYX2; NMIG; DYXL2; dyslexia-associated protein KIAA0319; AAV receptor; dyslexia susceptibility 2; neuronal migration; KIAA0319

Gene ID

[9856](#)

UniProt ID

[Q5VV43](#)