

Product Information

MemDX™ Membrane Protein Human ADGRB2 (Adhesion G protein-coupled receptor B2)

Full Length

Cat. No.: **MPC0004K**

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

This product is a 172 kDa Human ADGRB2 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

ADGRB2

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

172 kDa

TMD

7

Sequence

MENTGWMGKGHRMTPACPLLLSVILSLRLATAFDPAPSACSALASGVLYG
AFSLQDLFPTIASGCSWTLENPDPTKYSLYLRFNRQEVCVCAHFAPRLPL
DHYLVNFTCLRPSPEEAVAQAEEVGRPEEEEEAAAAGLELCSGSGPFTF
LHFDKNFVQLCLSAEPSEAPRLAPALAFAFRFVEVLLINNNSSQFTCGV
LCRWSEECGRAAGRACGFAQPGCSCPGEAGAGSTTTTSPGPPAAHTLSNA
LVPGGPAPPAEADLHSGSSNDLFTTEMRYGEEPEEPEPKVKTQWPRSADEP
GLYMAQTGDPAEEWSPWSVCSLTCGQGLQVTRSCVSSPYGTLCSGPLR
ETRPCNNSATCPVHGVWEEWGSWSLCSRSCGRGSRMRMTCVPPQHGGKA
CEGPELQTKLCSMAACPVEGQWLEWGPWGPCSTSCANGTQQRSRKCSVAG
PAWATCTGALTDTRECSNLECPATDSKWGPWNAWSLCSKTCDTGWQRRFR
MCQATGTQGYPCGTGEEVKPCSEKRCPAFHEMCRDEYVMLMTWKAAAG
EIIYNKCPPNASGSASRRCLLSAQGVAYWGLPSFARCISHEYRYLYLSLR
EHLAKGQRMMLAGEGMSQVVRSLQELLARITYYSGDLLFSVDILRNVTDTF
KRATYVPSADDVQRRFFQVVSFMDAENKEKWDDAQVSPGSVHLLRVVED
FIHLVGDAKAFQSSLIVTDNLVISIQREPVSASVSSDITFPMRGRGMKD
WVRHSEDRLFLPKEVLSLSPGKPATSGAAGSPGRGRGPGTVPPGPGHSH
QRLLPADPDESSYFVIGAVLYRTLGLILPPPRPPLAVTSRVMTVTVRPPT
QPPAEPLITVELSYIINGTTDPHCASWDYSRADASSGDWDTENCQTLETQ
AAHTRCQCQHLSTFAVLAQPPKDLTLELAGSPSVPLVIGCAVSCMALLTL

LAIYAAFWRFIKSESIILLNFCLSILASNILILVGQSRVLSKGVCTMTA
AFLHFFFLSSFCWVLTEAWQSYLAVIGRMTRLVRKRFLCLGWGLPALVV
AVSVGFTRTKGYGTSSYCWLSLEGGLLYAFVGPAAVIVLVNMLIGIIVFN
KLMARDGISDKSKKQRAGSERCPWASLLLPCSAAGAVPSPLLSSASARNA
MASLWSSCVVLPALLTWMSAVLAMTDRRSVLFQALFAVFNSAQGFVITA
VHCFLRREVQDVVKCQMGVCRADESEDSPDCKNGQLQLSDFEKDVDLA
CQTVLFKEVNTCNPSTITGTLSRLSLDEDEEPPKSLVGPESLSFSPLPG
NILVPMAASPGLGEPPPPQEANPVYMCGEGLRQLDLTWLRPTEPGSEGD
YMLPRRTLSQLPGGGGGGGEDAPRARPEGTPRRAAKTVAHTEGYPSFLS
VDHSGGLGLPAYGSLQNPYGMTFQPPPPPTPSARQVPEPGERSTMPRTVP
GSTMKMGSLERKKLRYSDLD FEKVMHTRKRHSELYHELNQKFHTFDYRS
QSTAKREKRWSVSSGGAERSVCTDKPSPGERPSLSQHRRHQSWSTFKSM
TLGSLPPKPRERLTLHRAAAWEPTPPDGDGFQTEV

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 -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ADGRB2

Full Name

Adhesion G protein-coupled receptor B2

Introduction

This gene encodes a seven-span transmembrane protein that is thought to be a member of the secretin receptor family. The encoded protein is a brain-specific inhibitor of angiogenesis. The mature peptide may be further cleaved into additional products. Alternative splicing results in multiple transcript variants.

Alternative Names

BAI2; brain-specific angiogenesis inhibitor 2; ADGRB2; Adhesion G protein-coupled receptor B2

Gene ID

[576](#)

UniProt ID

[O60241](#)