

Product Information

MemDX™ Membrane Protein Human ADGRB3 (Adhesion G protein-coupled receptor B3)

Full Length

Cat. No.: **MPC0005K**

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

This product is a 171 kDa Human ADGRB3 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

ADGRB3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

171 kDa

TMD

7

Sequence

MKAVRNLLIYIFSTYLLVMFGFNAAQDFWCSTLVKGVYGSYSVSEMFPK
NFTNCTWTLENPDPTKYSIYLFKSKDLSCSNFSLLAYQFDHFSHEKIKD
LLRKNHSIMQLCNSKNAFVFLQYDKNFIQIRRVFPTNFPGLQKKGEEDQK
SFFEFLVLNKKVSPSQFGCHVLCTWLESCLSKSENGRTEGIMYTKCTCPQ
HLGEWGIDDQSLILLNNVVLPLNEQTEGCLTQELQTTQVCNLTREAKRPP
KEEFGMMGDHTIKSQRPVSVHEKRVPEQADAAKFMATGESGVEEWSQW
STCSVTCGQGSQVRTRTCVSPYGTCHCSGPLRESRVCNNTALCPVHGVWEE
WSPWSLCSFTCGRGQRTTRTRSCPTPPQYGGRPCEGPETHHKPCNIALCPVD
GQWQEWSSWSQCSVTCNNGTQQRSRQCTAAAHGGSECRGPWAESRECYNP
ECTANGQWNQWGHWSGCSKSCDGGWERRIRTCQGAVIDGQQCEGTGEEVR
RCNEQRCPPAYEICPEDYLSMVWKRTPAGDLAFNQCPNATGTTSTRCS
LSLHGVAFWEQPSFARCISNEYRHLQHSIKEHLAKGQRMLAGDGMSQVTK
TLLDLTQRKNFYAGDLLMSVEILRNVTDTFKRASYIPASDGVQNFQIVS
NLLDEENKEKWEDAQQIYPGSIELMQVIEDFIHIVGMGMMDFQNSYLMTG
NVVASIQKLPAASVLTIDNPFMKGRKGMVDWARNSEDRVVIPKSIFTPVS
SKELDESSVFLGAVLYKNLDLILPTLRNYTVINSKIIVTIRPEPKTTD
SFLEIELAHLANGTLNPYCVLWDDSKTNESLGTWSTQGCKTVLTDASHTK
CLCDRLSTFAILAQQPREIIMESSGTPSVTLIVGSGLSCLALITLAVVYA
ALWRYIRSERSIILINFCLSISSNILILVGQTQTHNKSICTTTAAFLHF

FFLASFCWVLTEAWQSYMAVTGKIRTRLIRKRFLCLGWGLPALVVATSVG
FTRTKGYGTDHYCWLSLEGGLYAFVGPAAAVVLVNMVIGILVFNKLVS
DGILDKKLKHRAGQMSEPHSGLTLKCAKCGVVSTTALSATTASNAMASLW
SSCVVLP LLALTWMSAVLAMTDKRSILFQILFAVFDSLQGFVIVMVHCIL
RREVQDAFRCLRNQCQDPINADSSSSFPNGHAQIMTDFEKDVDIACRSVL
HKDIGPCRAATITGTLSRISLNDDEEEKGTNPEGLSYSTLPGNVISKVII
QQPTGLHMPMSMNELSNPCLKKENSELRRTVYLCTDDNLRGADMDIVHPQ
ERMESDYIVMPRSSVNNQPSMKEESKMNIGMETLPHERLLHYKVNPEFN
MNPPVMDQFNMNLEQHLAPQEHEMQNLPFEPRTAVKNFMASELDDNAGLSR
SETGSTISMSSLERRKSRYSDLDFEKMVHTRKRHMELFQELNQKFQTLDR
FRDIPNTSSMENPAPKNPWDTFKNPSEYPHYTTINVLDTAKDALELRP
AEWEKCLNLPLDVQEGDFQTEV

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

ADGRB3

Full Name

Adhesion G protein-coupled receptor B3

Introduction

This p53-target gene encodes a brain-specific angiogenesis inhibitor, a seven-span transmembrane protein, and is thought to be a member of the secretin receptor family. Brain-specific angiogenesis proteins BAI2 and BAI3 are similar to BAI1 in structure, have similar tissue specificities, and may also play a role in angiogenesis.

Alternative Names

BAI3; brain-specific angiogenesis inhibitor 3; dJ91B17.1; ADGRB3; Adhesion G protein-coupled receptor B3

Gene ID

[577](#)

UniProt ID

[O60242](#)