

Product Information

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

Expressed in HEK293 for Antibody Discovery, Partial (25-880aa)

Cat. No.: **MPX0019K**

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

This product is a 97 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

Partial (25-880aa)

Protein Class

GPCR

Molecular Weight

97 kDa

TMD

7

Sequence

AQDFWCSTLVKGVYIGSYSVSEMFPK
NFTNCTWTLENPDPTKYIYLKFSKKDLSCSNFSLAYQFDHFSHEKIKD
LLRKNHSIMQLCNSKNAFVFLQYDKNFIQIRRVFPTNFPGLQKKGEEDQK
SFFEFVLVNLKVSQFGCHVLCTWLESCLSKSENGRTESCGIMYTKCTCPQ
HLGEWGIDDQSLILLNNVVLPLNEQTEGCLTQELQTTQVCNLTREAKRPP
KEEFGMMGDHTIKSQRPVSRVHEKRVPEQADAAKFMAQTGESGVEEWSQW
STCSVTCGQGSQVRTRTCVSPYGTHCSGPLRESRVCNNTALCPVHGVWEE
WSPWSLCSFTCGRGQRTTRTRCTPPQYGGPCEGPETHHKPCNIALCPVD
GQWQEWSSWSQCSVTCSNGTQQRSRQCTAAAHGGSECRGPWAESRECYNP
ECTANGQWNQWGHWSGCSKSCDGGWERRIRTCQGAVITGQQCEGTGEEVR
RCNEQRCPPAPYEICPEDYLSMVWKRTTPAGDLAFNQCPNATGTTSTRCS
LSLHGVAFWEQPSFARCISNEYRHLQHSIKEHLAKGQRMLAGDGMSQVTK
TLLDLTQRKNFYAGDLLMSVEILRNVTDTFKRASYIPASDGVQNFFQIVS
NLLDEENKEKWEDAQQIYPGSIELMQVIEDFIHIVGMGMMDFQNSYLMTG
NVVASIQKLPAASVLTIDINFPKGRKGMVDWARNSEDRVVIPKSIFTPVS
SKELDESSVFLGAVLYKNLDLILPTLRNYTVINSKIIVVTIRPEPKTTD
SFLEIELAHLANGTLNPYCVLWDDSKTNESLGTWSTQGCKTVLTDASHTK
CLCDRLSTFAILAQQPRIIMESSGTPSVT

Product Description

Expression Systems

HEK293

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 1 mg/mL in PBS.

Endotoxin

<0.1 EU/μg by the LAL method

Purity

>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose.

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](#)